


STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Ute Tribal 12-10-E4					
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT BRUNDAGE CANYON					
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME					
6. NAME OF OPERATOR PETROGLYPH OPERATING CO						7. OPERATOR PHONE 208 685-7674					
8. ADDRESS OF OPERATOR 960 Broadway Ave, Ste 500, Bosie, ID, 83703						9. OPERATOR E-MAIL bwest@pgei.com					
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 14-20-H62-4744				11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>					
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')					
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')					
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') Ute Indian Tribe				18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>					
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP		RANGE	MERIDIAN		
LOCATION AT SURFACE		1848 FSL 2080 FEL		NWSE	12	5.0 S		4.0 W	U		
Top of Uppermost Producing Zone		1848 FSL 2080 FEL		NWSE	12	5.0 S		4.0 W	U		
At Total Depth		1848 FSL 2080 FEL		NWSE	12	5.0 S		4.0 W	U		
21. COUNTY DUCHESNE				22. DISTANCE TO NEAREST LEASE LINE (Feet) 848		23. NUMBER OF ACRES IN DRILLING UNIT 480					
				25. DISTANCE TO NEAREST WELL IN SAME POOL (Approved For Drilling or Completed) 1077		26. PROPOSED DEPTH MD: 6133 TVD: 6133					
27. ELEVATION - GROUND LEVEL 5964				28. BOND NUMBER LP4138153		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8342					
Hole, Casing, and Cement Information											
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight	
Cond	20	14	0 - 55	5.0	Unknown	10.0	Class G	25	1.17	15.8	
Surf	12.25	8.625	0 - 495	24.0	J-55 ST&C	10.0	Class G	227	1.17	15.8	
Prod	7.875	5.5	0 - 6133	15.5	J-55 LT&C	10.0	Class G	439	1.92	12.5	
							Class G	368	1.46	13.4	
ATTACHMENTS											
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES											
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN						
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER						
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP						
NAME Ed Trotter				TITLE Agent			PHONE 435 789-4120				
SIGNATURE				DATE 07/02/2012			EMAIL edtrotter@easilink.com				
API NUMBER ASSIGNED 43013515410000				APPROVAL  Permit Manager							

RECEIVED: July 16, 2012

CONFIDENTIAL
EIGHT POINT DRILLING PLAN
PETROGLYPH OPERATING COMPANY, INC
UTE TRIBAL 12-10-E4
NW SE, SEC 12, T5S, R4W
DUCHESNE COUNTY, UTAH

1. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

Formation		Subsea	MD
Rig KB=15' above GGL		5979	0
Surface Formation = Uinta			
Uinta		5964	15
Green River		4817	1161
Trona		3506	2472
Mahogany Shale		3349	2630
"B" Marker	Waterflood Unit Interval	2233	3745
"X" Marker		1745	4234
Douglas Creek Marker		1597	4381
"B" Limestone		1210	4768
Base Castle Peak Limestone		651	5328
BSCARB		236	5743
Wasatch		-20	5998
Rig TD		-154	6133

2. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERAL FORMATIONS:

<u>Substance</u>	<u>Formation</u>	<u>SUBSEA</u>	<u>MD</u>
Base of moderately saline ground water*	not present	6100	0
Oil/Gas	Douglas Creek	1597	4381
Oil/Gas	Castle Peak	651	5328

Any water encountered during drilling shall be sampled, analyzed and reported to the BLM Vernal office using State of Utah DOGM Form 7 *Report of Water Encountered during Drilling*. The following analyses shall be performed on any water encountered:

Flow rate (or blowtest)	Temperature	pH	TDS
Dissolved Iron	Dissolved Magnesium	Dissolved Bicarb.	Dissolved Sulfate
Dissolved Calcium	Dissolved Sodium	Dissolved Carbonate	Dissolved Chloride

All depths through the "Base of moderately saline ground water"*, along with any water encountered below that depth which is less than 10,000 TDS, shall be protected by the surface casing or by lifting the cement of the production casing into the surface casing.

*Base of Moderately Saline Groundwater from Howells, Longson and Hunt, 1981, Utah State Technical Publication 92: The Base of the Moderately Saline Water in the Uinta Basin, Utah



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3. PROPOSED CASING PROGRAM:

String	Hole	Casing	Top - MD	Bottom - MD	Weight lb/ft	Grade	Thread
Conductor	20"	14"	surface	54.5'	steel	Cond'r	none
Surface	12-1/4"	8-5/8"	surface	494.5'	24	J-55	STC
Production	7-7/8"	5-1/2"	surface	6133'	15.5	J-55	LTC

String	Hole	Casing	Collapse	Burst	Tensile
Surface	12-1/4"	8-5/8"	1,370 psi	2,950 psi	214,000 lb
Production	7-7/8"	5-1/2"	4,040 psi	4,810 psi	248,000 lb

- All casing will be new or inspected.
- The surface and production strings shall have a minimum of one (1) centralizer on each of the bottom three (3) joints.
- The production string shall have a minimum of one (1) centralizer for every three (3) joints from TD to the top of the "B" marker at 3745' MD.

4. PROPOSED CEMENTING PROGRAM:

String	Top Bottom	Cement Description	Sacks Vol (ft ³)	Excess	Weight (ppg)	Yield (ft ³ /sk)
Conductor	0 54.5	Construction Grade Cement	Sufficient volumes to grout Conductor			
Surface	0 494.5	Class G +2% CaCl ₂ +0.25 lb/sk Cello Flake	227 265	30%	15.8	1.17
Production Lead	0 3745	EXPANDACEM (Class G +additives) + 1 lb/sk Granulite TR¼ (LCM)	439 844	30%	12.5	1.92
Production Tail	3745 6133	EXPANDACEM (Class G +additives) + 1 lb/sk Granulite TR¼ (LCM)	368 538	30%	13.4	1.46

- The 8-5/8" surface casing shall be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.
- The 5-1/2" production casing shall be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, a remedial surface cementing operation shall be performed only if necessary to lift cement above the Surface Casing Shoe at 480' MD.

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5. MINIMUM PRESSURE CONTROL AND SAFETY EQUIPMENT:

- An 8", 2000 PSI, Double Ram BOPE with Hydraulic Closing Unit shall be used.
- A 2000 PSI Working Pressure Annular shall be used.
- The flowline shall have a minimum diameter of 10".
- Auxiliary equipment shall be a Kelly Cock, Bit Float, and a TIW valve with drill pipe threads.
- Spark arrestors shall be equipped on all engine exhausts within 100 feet of the wellbore.
- See attached 2,000 psi BOP schematic diagram.

BOPE TESTING PROCEDURE:

- The BOPE shall be tested by a professional tester to conform to Onshore Order #2.

6. MUD PROGRAM:

A. SURFACE HOLE

- The surface hole will be drilled with an air/mist system from 0' to 494.5'. All cutting shall be directed to pit.
- A trailer-mounted compressor with a capacity of 2000 CFM will be used. Compressor will have a safety shut-off valve located less than 15 feet from the driller's controls of the rig.
- The rat and mouse holes will be drilled with the air rig after surface casing is cemented.
- The 140 barrel water truck used with the deduster will be the source of kill fluid in the highly unlikely event of pressure being encountered during drilling of the surface hole.
- Operator requests the following variances from Onshore Order 2 part E during drilling of the surface hole. Operator will use air drilling techniques only on surface hole:
 - Operator requests a variance to regulations requiring the blooie line discharge to be 100' from the wellbore. Due to reduced location size, the blooie line discharge will be approximately 75' from the wellbore and securely anchored.
 - Operator requests a variance to regulations requiring an automatic igniter or continuous pilot light on the blooie line. A mister shall be on the end of the blooie line.
 - Operator requests a variance to regulations requiring compressors be located in the opposite direction from the blooie line; a minimum of 100' from the wellbore. Due to the reduced location size, the compressors shall be located as close as is reasonable to the opposite direction from the blooie line and 75' from the wellbore.
 - Operator requests a variance to regulations requiring a BOPE on the hole when drilling the surface hole. An air bowl shall be utilized on the diverter system in place of a BOPE.



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B. PRODUCTION HOLE

- The production hole shall be drilled with a freshwater polymer system from 494.5' to 6133'. LSND mud if conditions warrant.
- Clay inhibition and hole stability shall be achieved with a Diammonium Phosphate (DAP) additive or similar source of clay-stabilizing ions. Anticipated mud weight is 8.3-8.4 lbs/gal.
- All cuttings and circulating medium shall be directed into the reserve pit. Total Dissolved Solids (TDS) are anticipated to be less than 3000 PPM.
- Sufficient mud inventory will be maintained on location in either tanks or the reserve pit during the drilling of the production hole to handle any adverse conditions that may arise.
- If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite. Enough material shall be maintained on location to allow for the mudweight to be raised to 10.5 lbs/gal should need arise.
- During drilling operations, pit levels and flow from the well shall be monitored by instrumentation to include at least: a pit volume totalizer (PVT), a stroke counter, and a mud-flow indicator.
- A mud-gas separator shall be available on location.

C. HAZARDOUS MATERIALS AND POLLUTANTS

- Chromate additives **shall NOT** be used in the mud system on Indian lands without prior BLM approval to ensure adequate protection of freshwater aquifers.
- Chemicals subject to reporting under SARA Title III in an amounts equal to or greater than 10,000 pounds annually **shall NOT** be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of this well.
- Extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities **shall NOT** be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of this well.
- Hazardous substances specifically listed by the EPA as a hazardous waste, as defined in 40 CFR 261 (D), or any substances that through their use would lead to the generation of a hazardous waste, **shall NOT** be used in association with the drilling, testing, or completion of this well.



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DUCHESNE COUNTY, UTAH

7. EVALUATION PROGRAM:

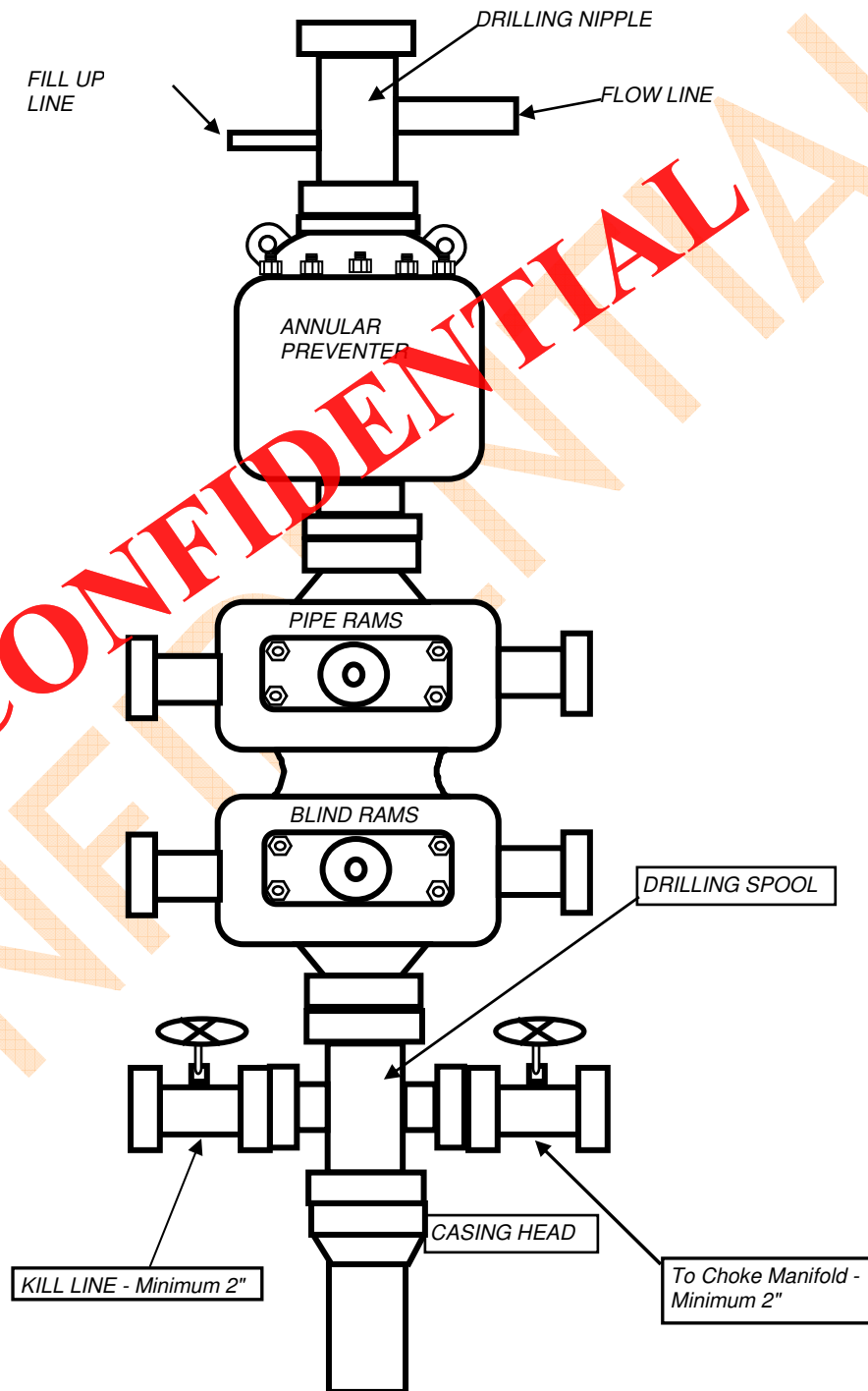
Logs:	Triple Combo	TD to base of surface casing (AIT, DSN, CDL) Base of surface casing to surface (GR)
Cores:	None planned	
DST:	None planned	
Testing:	Operator plans no testing until the completion phase of the well.	

8. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

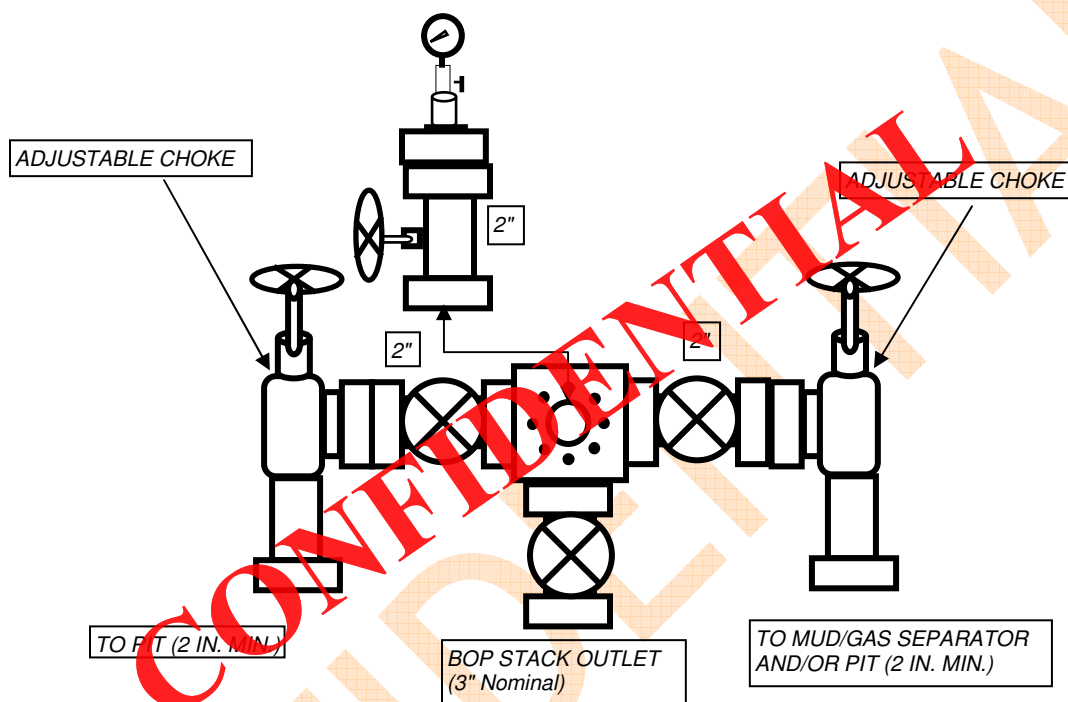
- Operator anticipates Bottom Hole Temperatures below 150°F, the maximum temperature for DAP drilling fluids.
- No H₂S has been encountered or is known to exist from previous drilling in the area at this depth.
- Maximum pressure for hydrocarbon bearing zones at native conditions in this area is approximately 1539.25 PSI (0.25 PSI/ft gradient).
- This well is NOT in the vicinity of active injection wells. Nearby active injection can cause pressures up to a 0.433 PSI/ft gradient .

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TYPICAL 2,000 p.s.i. BLOWOUT PREVENTER



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DUCHESNE COUNTY, UTAH
TYPICAL 2,000 p.s.i. CHOKE MANIFOLD



T5S, R4W, U.S.B.&M.

PETROGLYPH OPERATING CO., INC.

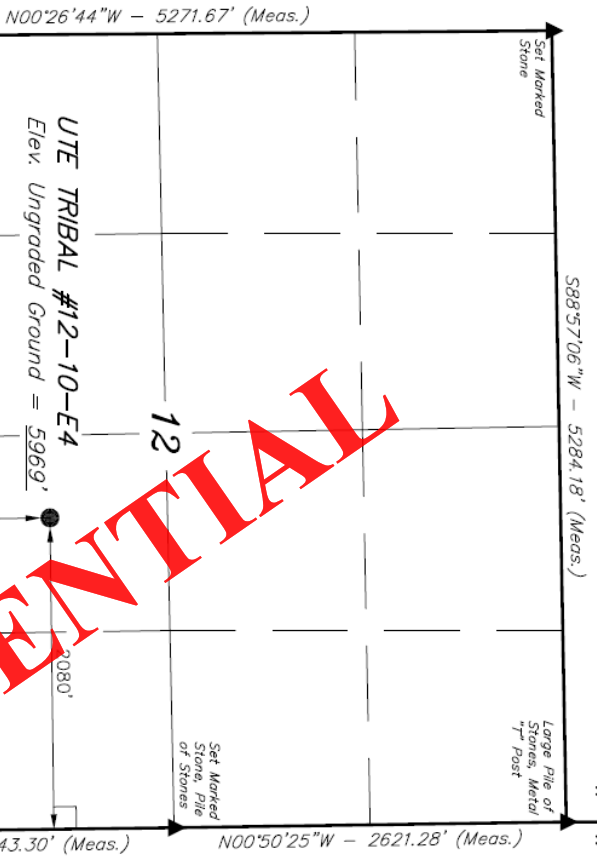
Well location, UTE TRIBAL #12-10-E4, located as shown in the NW 1/4 SE 1/4 of Section 12, T5S, R4W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

BRASS CAP SET IN CONCRETE BY SUNRISE ENGINEERING LOCATED IN THE SE 1/4 OF SECTION 16, T5S, R3W, U.S.B.&M. SAID ELEVATION IS MARKED AS BEING 6281.9 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE SURVEY WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

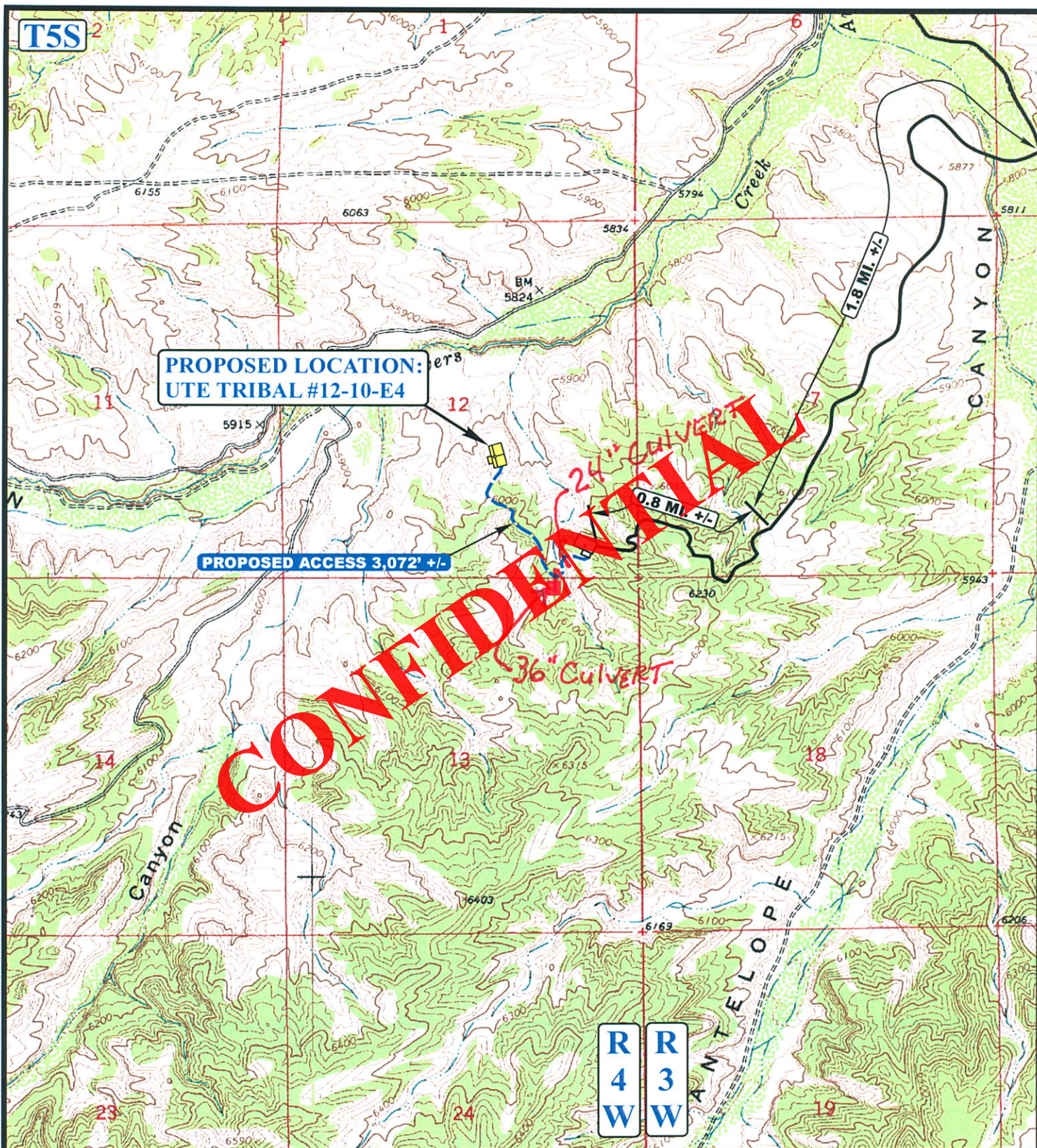
ROBERT KAY
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UNTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

- LEGEND:
- = 90° SYMBOL
 - = PROPOSED WELL HEAD.
 - ▲ = SECTION CORNERS LOCATED.
 - △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)

NAD 83 (SURFACE LOCATION)
LATITUDE = 40°03'31.88" (40.05886)
LONGITUDE = 110°16'56.72" (110.28242)
NAD 22 (SURFACE LOCATION)
LATITUDE = 40°03'32.02" (40.058894)
LONGITUDE = 110°16'54.17" (110.28174)

SCALE	1" = 1000'	DATE SURVEYED:	12-08-11	DATE DRAWN:	12-20-11
PARTY	G.O. J.C. N.S.	REFERENCES	G.L.O. PLAT		
WEATHER	COLD	FILE	PETROGLYPH OPERATING CO., INC.		

**LEGEND:**

- EXISTING ROAD
- - - PROPOSED ACCESS ROAD
- * * * * * EXISTING FENCE
- 18" CMP REQUIRED



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

**PETROGLYPH OPERATING CO., INC.**

UTE TRIBAL #12-10-E4
SECTION 12, T5S, R4W, U.S.B.&M.
1848' FSL 2080' FEL

ACCESS ROAD
MAP

12 **14** **11**
 MONTH DAY YEAR

SCALE: 1" = 2000'

DRAWN BY: A.T

REVISED: 00-00-00



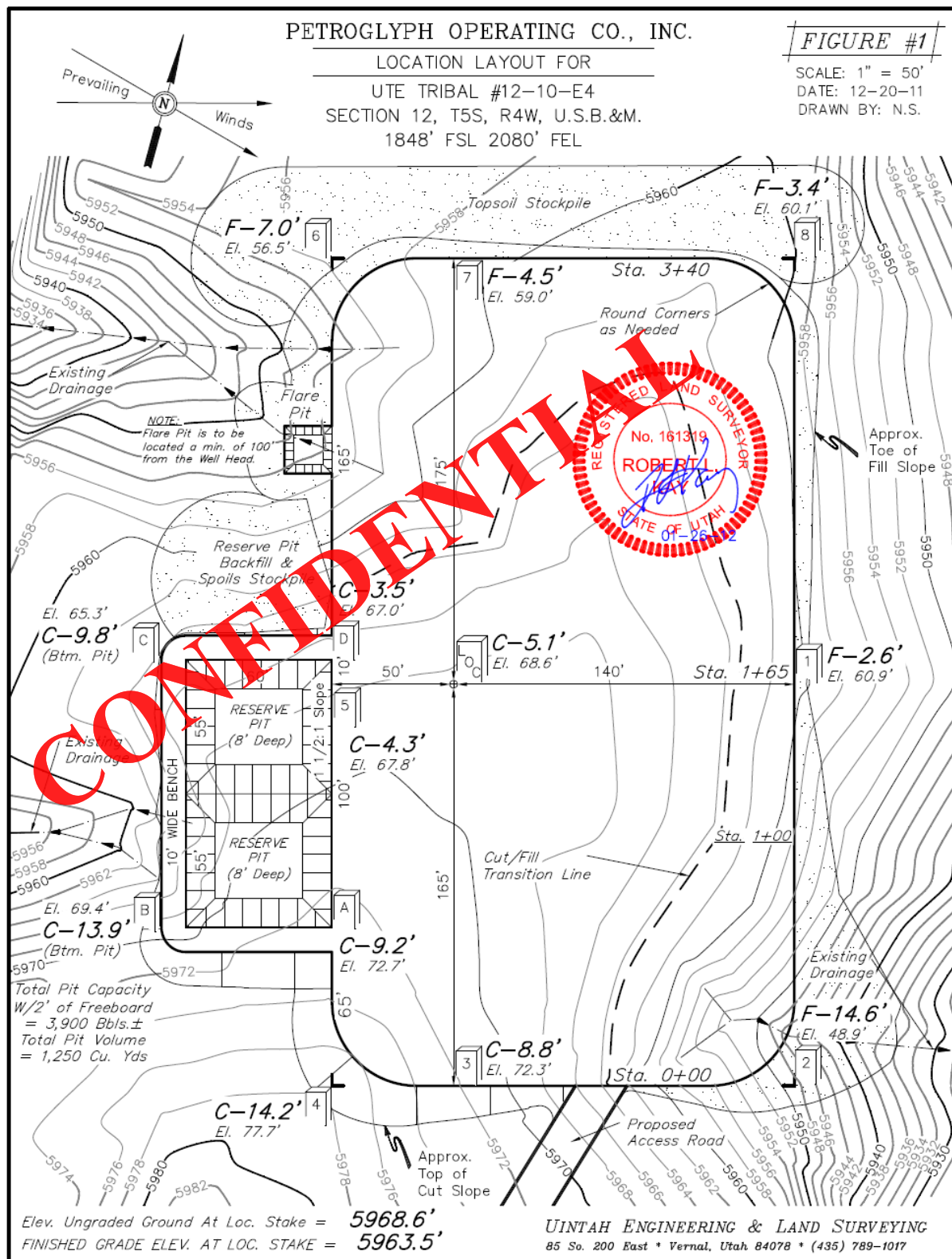
Certification

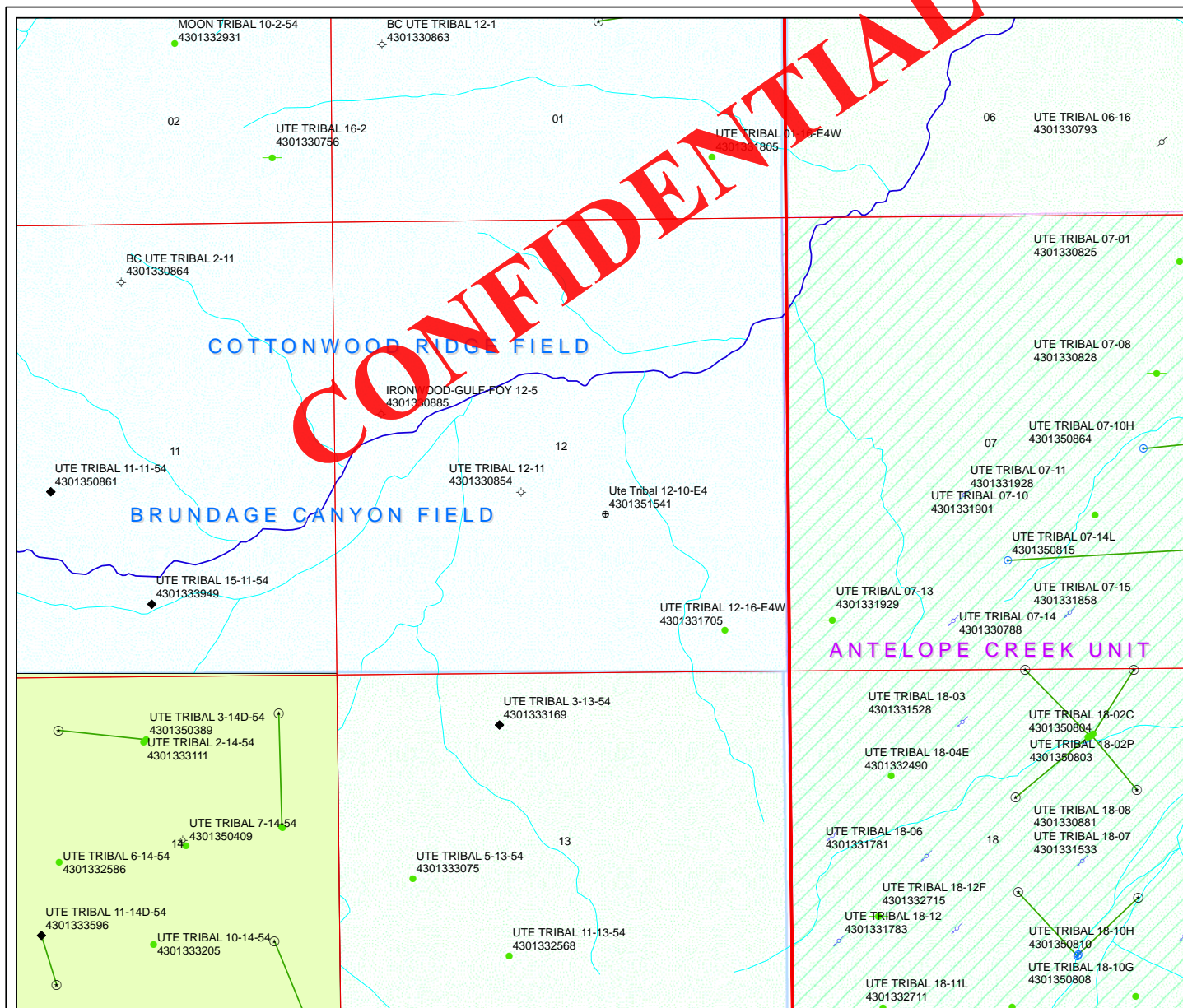
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Petroglyph Operating Co., Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Please be advised that Petroglyph Operating Co., Inc. is considered to be the operator of the **UTE TRIBAL 12-10-E4 Well, located in the NW/SE of Section 12, T5S, R4W, Duchesne County, Utah; Lease #14-20-H62-4744;** and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is provided under Bond #LP4138153.

Date

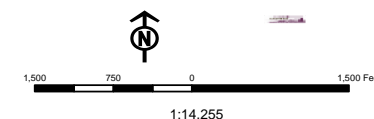
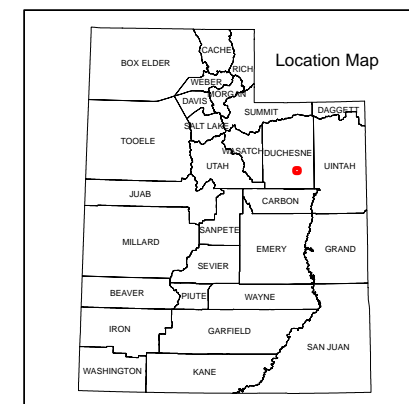
Ed Trotter, as Agent for
Petroglyph Operating Co., Inc.





API Number: 4301351541
Well Name: Ute Tribal 12-10-E4
Township T05.0S Range R04.0W Section 12
Meridian: UBM
Operator: PETROGLYPH OPERATING CO
 Map Prepared:
 Map Produced by Diana Mason

Units	Wells Query
STATUS	Status
ACTIVE	APD - Approved Permit
EXPLORATORY	DRL - Spudded (Drilling Commenced)
GAS STORAGE	GIW - Gas Injection
NF PP OIL	GS - Gas Storage
NF SECONDARY	LOC - New Location
PI OIL	OPS - Operation Suspended
PP GAS	PA - Plugged Abandoned
PP GEOTHERM	PGW - Producing Gas Well
PP OIL	POW - Producing Oil Well
SECONDARY	SGW - Shut-in Gas Well
TERMINATED	SOW - Shut-in Oil Well
Fields	TA - Temp. Abandoned
STATUS	TW - Test Well
ABANDONED	WDW - Water Disposal
ACTIVE	WW - Water Injection Well
COMBINED	WSW - Water Supply Well
INACTIVE	Bottom Hole Location - Oil/Gas/Dls
STORAGE	
TERMINATED	



WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 7/2/2012

API NO. ASSIGNED: 43013515410000

WELL NAME: Ute Tribal 12-10-E4

OPERATOR: PETROGLYPH OPERATING CO (N3800)

PHONE NUMBER: 435 789-4120

CONTACT: Ed Trotter

PROPOSED LOCATION: NWSE 12 050S 040W

Permit Tech Review: ☒

SURFACE: 1848 FSL 2080 FEL

Engineering Review: ☐

BOTTOM: 1848 FSL 2080 FEL

Geology Review: ☒

COUNTY: DUCHESNE

LATITUDE: 40.05885

LONGITUDE: -110.28259

UTM SURF EASTINGS: 561185.00

NORTHINGS: 4434536.00

FIELD NAME: BRUNDAGE CANYON

LEASE TYPE: 2 - Indian

LEASE NUMBER: 14-20-H62-4744

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 2 - Indian

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- ☒ PLAT
- ☒ Bond: INDIAN - LP4138153
- ☐ Potash
- ☐ Oil Shale 190-5
- ☐ Oil Shale 190-3
- ☐ Oil Shale 190-13
- ☒ Water Permit: 43-8342
- ☐ RDCC Review:
- ☐ Fee Surface Agreement
- ☐ Intent to Commingle

Commingle Approved

LOCATION AND SITING:

- ☐ R649-2-3.
- Unit:
- ☐ R649-3-2. General
- ☐ R649-3-3. Exception
- ☒ Drilling Unit
- Board Cause No: R649-3-2
- Effective Date:
- Siting:
- ☐ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason
23 - Spacing - dmason

RECEIVED: July 16, 2012



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Ute Tribal 12-10-E4
API Well Number: 43013515410000
Lease Number: 14-20-H62-4744
Surface Owner: INDIAN
Approval Date: 7/16/2012

Issued to:

PETROGLYPH OPERATING CO, 960 Broadway Ave, Ste 500, Bosie, ID 83703

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at <http://oilgas.ogm.utah.gov>

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written over a horizontal line.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4744
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute In
2. NAME OF OPERATOR: PETROGLYPH OPERATING CO		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 960 Broadway Avenue, Ste 500, Boise, ID, 83703		8. WELL NAME and NUMBER: UTE TRIBAL 12-10-E4
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1848 FSL 2080 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 12 Township: 05.0S Range: 04.0W Meridian: U		9. API NUMBER: 43013515410000
9. FIELD and POOL or WILDCAT: BRUNDAGE CANYON		COUNTY: DUCHESNE
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/31/2013	<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached is the amended drilling program

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: June 13, 2013

By: *Derek Quist*

NAME (PLEASE PRINT) Ed Trotter	PHONE NUMBER 435 789-4120	TITLE Agent
SIGNATURE N/A	DATE 5/24/2013	

CONFIDENTIAL
EIGHT POINT DRILLING PLAN
PETROGLYPH OPERATING COMPANY, INC
UTE TRIBAL 12-10-E4
NW SE, SEC 12, T5S, R4W
DUCHESNE COUNTY, UTAH

1. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

Formation		Subsea	MD
Rig KB=15' above GGL		5979	0
Surface Formation = Uinta			
Uinta		5964	15
Green River		4817	1162
Trona		3506	2473
Mahogany Shale		3349	2630
"B" Marker	Waterflood Unit Interval	2233	3746
"X" Marker		1745	4234
Douglas Creek Marker		1597	4382
"B" Limestone		1210	4769
Base Castle Peak Limestone		651	5328
BSCARB		236	5743
Wasatch		-20	5999
Rig TD		-154	6133

2. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERAL FORMATIONS:

<u>Substance</u>	<u>Formation</u>	<u>SUBSEA</u>	<u>MD</u>
Base of moderately saline ground water*	not present	6100	0
Oil/Gas	Douglas Creek	1597	4382
Oil/Gas	Castle Peak	651	5328

Any water encountered during drilling shall be sampled, analyzed and reported to the BLM Vernal office using State of Utah DOGM Form 7 *Report of Water Encountered during Drilling*. The following analyses shall be performed on any water encountered:

Flow rate (or blowtest)	Temperature	pH	TDS
Dissolved Iron	Dissolved Magnesium	Dissolved Bicarb.	Dissolved Sulfate
Dissolved Calcium	Dissolved Sodium	Dissolved Carbonate	Dissolved Chloride

All depths through the "Base of moderately saline ground water"*, along with any water encountered below that depth which is less than 10,000 TDS, shall be protected by the surface casing or by lifting the cement of the production casing into the surface casing.

*Base of Moderately Saline Groundwater from Howells, Longson and Hunt, 1981, Utah State Technical Publication 92: The Base of the Moderately Saline Water in the Uinta Basin, Utah

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3. PROPOSED CASING PROGRAM:

String	Hole	Casing	Top - MD	Bottom - MD	Weight lb/ft	Grade	Thread
Conductor	20"	14"	surface	55'	steel	Cond'r	none
Surface	12-1/4"	8-5/8"	surface	495'	24	J-55	STC
Production	7-7/8"	5-1/2"	surface	6133'	15.5	J-55	LTC

String	Hole	Casing	Collapse	Burst	Tensile
Surface	12-1/4"	8-5/8"	1,370 psi	2,950 psi	244,000 lb
Production	7-7/8"	5-1/2"	4,040 psi	4,810 psi	248,000 lb

- All casing will be new or inspected.
- The surface and production strings shall have a minimum of one (1) centralizer on each of the bottom three (3) joints.
- The production string shall have a minimum of one (1) centralizer for every three (3) joints from TD to the top of the "B" marker at 3746'MD.

4. PROPOSED CEMENTING PROGRAM:

String	Top	Cement Description	Sacks	Excess	Weight (ppg)	Yield (ft³/sk)
	Bottom		Vol (ft³)			
Conductor	0 ----- 55	Construction Grade Cement	Sufficient volumes to grout Conductor			
Surface	0 ----- 495	Class G +2% CaCl2 +0.25 lb/sk Cello Flake	227 ----- 266	30%	15.8	1.17
Production Lead	0 ----- 3746	EXPANDACEM (Class G +additives) + 1 lb/sk Granulite TR¼ (LCM)	440 ----- 844	30%	12.5	1.92
Production Tail	3746 ----- 6133	EXPANDACEM (Class G +additives) + 1 lb/sk Granulite TR¼ (LCM)	368 ----- 538	30%	13.4	1.46

- The 8-5/8" surface casing shall be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.
- The 5-1/2" production casing shall be cemented back to surface. In the event that during the primary cementing operation the cement does not circulate to surface, a remedial cementing operation shall be performed only if necessary to lift cement above the Surface Casing Shoe at 495'MD.

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EIGHT POINT DRILLING PLAN
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5. MINIMUM PRESSURE CONTROL AND SAFETY EQUIPMENT:

- An 8", 2000 PSI, Double Ram BOPE with Hydraulic Closing Unit shall be used.
- The flowline shall have a minimum diameter of 10".
- Auxiliary equipment shall be a Kelly Cock, Bit Float, and a TIW valve with drill pipe threads.
- Spark arrestors shall be equipped on all engine exhausts within 100 feet of the wellbore.
- See attached 2,000 psi BOP schematic diagram.

BOPE TESTING PROCEDURE:

- The BOPE shall be tested by a professional tester to conform to the standards of Onshore Order #2.

6. MUD PROGRAM:

A. SURFACE HOLE

- The surface hole will be drilled with an air/mist system from 0' to 495'. All cuttings shall be directed to pit.
- A trailer-mounted compressor with a capacity of 2000 CFM will be used. Compressor will have a safety shut-off valve located less than 15 feet from the driller's controls of the rig.
- The rat and mouse holes will be drilled with the air rig after surface casing is cemented.
- The 140 barrel water truck used with the deduster will be the source of kill fluid in the highly unlikely event of pressure being encountered during drilling of the surface hole.
- Operator requests the following variances from Onshore Order 2 part E during drilling of the surface hole. Operator will use air drilling techniques only on surface hole:
 - Operator requests a variance to regulations requiring the blooie line discharge to be 100' from the wellbore. Due to reduced location size, the blooie line discharge will be approximately 75' from the wellbore and securely anchored.
 - Operator requests a variance to regulations requiring an automatic igniter or continuous pilot light on the blooie line. A mister shall be on the end of the blooie line.
 - Operator requests a variance to regulations requiring compressors be located in the opposite direction from the blooie line; a minimum of 100' from the wellbore. Due to the reduced location size, the compressors shall be located as close as is reasonable to the opposite direction from the blooie line and 75' from the wellbore.
 - Operator requests a variance to regulations requiring a BOPE on the hole when drilling the surface hole. An air bowl shall be utilized on the diverter system in place of a BOPE.

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EIGHT POINT DRILLING PLAN
PETROGLYPH OPERATING COMPANY, INC
UTE TRIBAL 12-10-E4
NW SE, SEC 12, T5S, R4W
DUCHESNE COUNTY, UTAH

B. PRODUCTION HOLE

- The production hole shall be drilled with a freshwater polymer system from 495' to 6133'. LSND mud if conditions warrant.
- Clay inhibition and hole stability shall be achieved with a Diammonium Phosphate (DAP) additive or similar source of clay-stabilizing ions. Anticipated mud weight is 8.3-8.4 lbs/gal.
- All cuttings and circulating medium shall be directed into the reserve pit. Total Dissolved Solids (TDS) are anticipated to be less than 3000 PPM.
- Sufficient mud inventory will be maintained on location in either tanks or the reserve pit during the drilling of the production hole to handle any adverse conditions that may arise.
- If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite. Enough material shall be maintained on location to allow for the mudweight to be raised to 10.5 lbs/gal should need arise.
- During drilling operations, pit levels and flow from the well shall be monitored by instrumentation to include at least: a pit volume totalizer (PVT), a stroke counter, and a mud-flow indicator.
- A mud-gas separator shall be available on location.

C. HAZARDOUS MATERIALS AND POLLUTANTS

- Chromate additives **shall NOT** be used in the mud system on Indian lands without prior BLM approval to ensure adequate protection of freshwater aquifers.
- Chemicals subject to reporting under SARA Title III in an amounts equal to or greater than 10,000 pounds annually **shall NOT** be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of this well.
- Extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities **shall NOT** be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of this well.
- Hazardous substances specifically listed by the EPA as a hazardous waste, as defined in 40 CFR 261 (D), or any substances that through their use would lead to the generation of a hazardous waste, **shall NOT** be used in association with the drilling, testing, or completion of this well.

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EIGHT POINT DRILLING PLAN
PETROGLYPH OPERATING COMPANY, INC
UTE TRIBAL 12-10-E4
NW SE, SEC 12, T5S, R4W
DUCHESNE COUNTY, UTAH

7. EVALUATION PROGRAM:

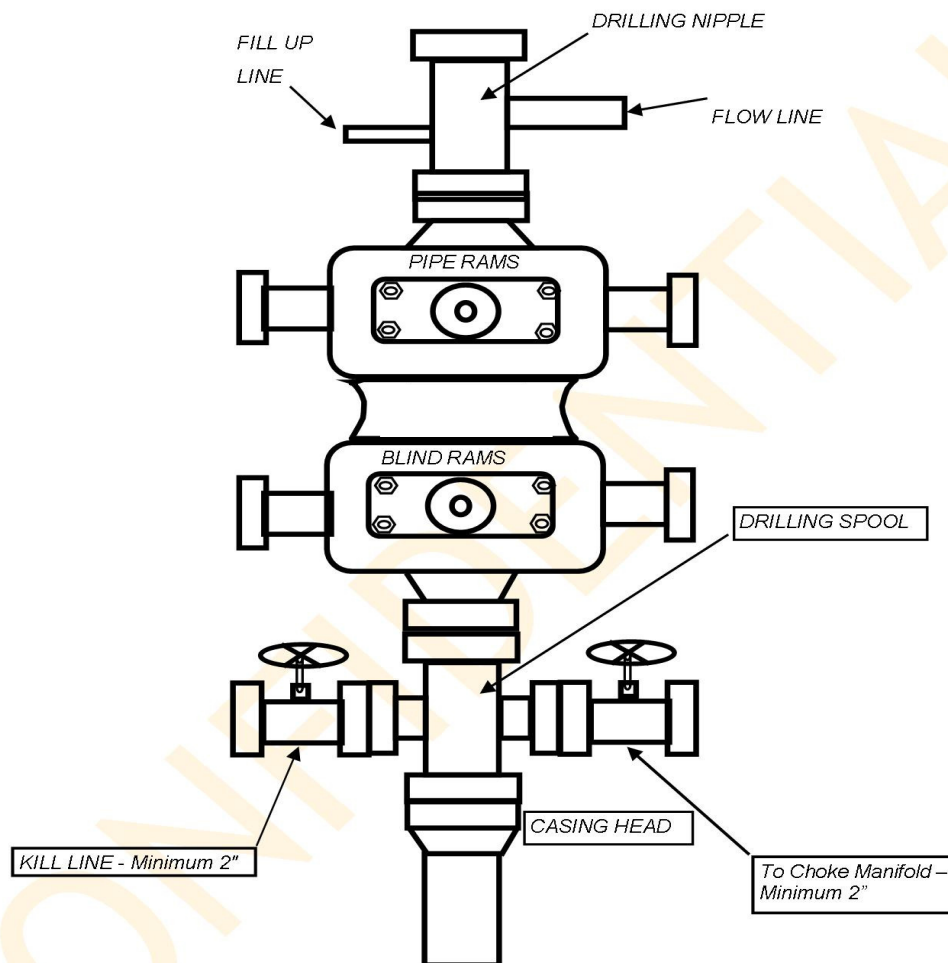
Logs:	Triple Combo	TD to base of surface casing (AIT, DSN, CDL) Base of surface casing to surface (GR only)
Cores:	None planned	
DST:	None planned	
Testing:	Operator plans no testing until the completion phase of the well.	

8. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

- Operator anticipates Bottom Hole Temperatures below 150°F, the maximum temperature for DAP drilling fluids.
- No H₂S has been encountered or is known to exist from previous drilling in the area at this depth.
- Maximum pressure for hydrocarbon bearing zones at native conditions in this area is approximately 1533 PSI (0.25 PSI/ft gradient).
- This well is NOT in the vicinity of active injection wells. Nearby active injection can cause pressures up to a 0.433 PSI/ft gradient .

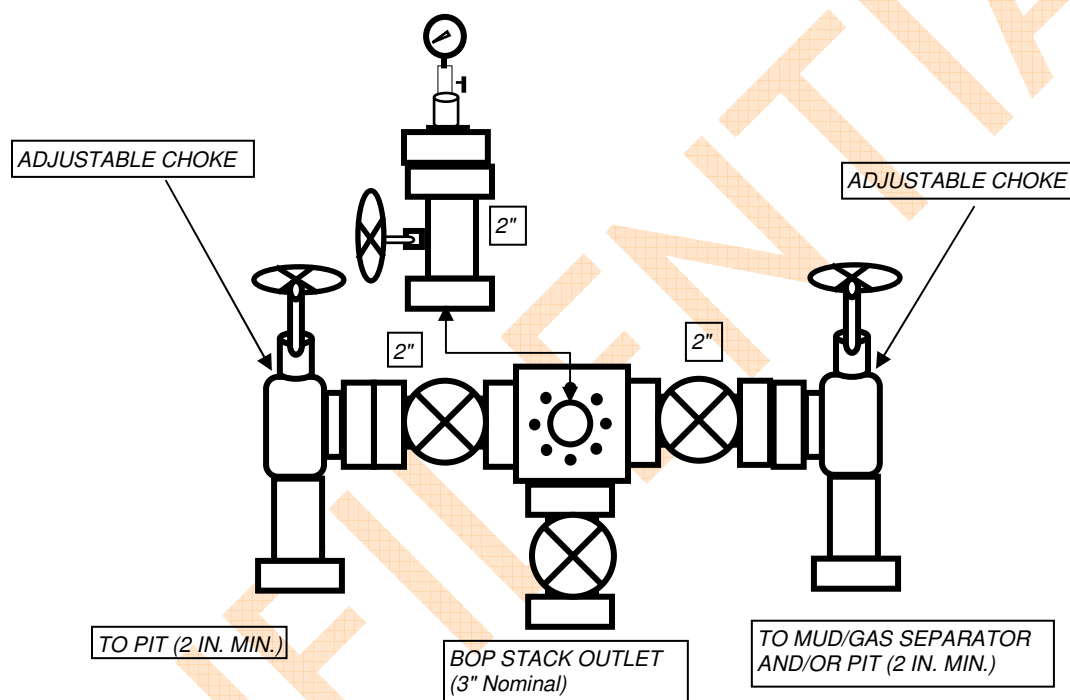
CONFIDENTIAL
EIGHT POINT DRILLING PLAN
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TYPICAL 2,000 p.s.i. BLOWOUT PREVENTER



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UTE TRIBAL 12-10-E4
NW SE, SEC 12, T5S, R4W
DUCHESNE COUNTY, UTAH

TYPICAL 2,000 p.s.i. CHOKE MANIFOLD



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4744			
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute In			
		7. UNIT or CA AGREEMENT NAME:			
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: UTE TRIBAL 12-10-E4			
2. NAME OF OPERATOR: PETROGLYPH OPERATING CO		9. API NUMBER: 43013515410000			
3. ADDRESS OF OPERATOR: 960 Broadway Avenue, Ste 500 , Boise, ID, 83703		9. FIELD and POOL or WILDCAT: BRUNDAGE CANYON			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1848 FSL 2080 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 12 Township: 05.0S Range: 04.0W Meridian: U		COUNTY: DUCHESNE			
		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/15/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: 			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.					
Approved by the Utah Division of Oil, Gas and Mining Date: July 01, 2013 By:					
NAME (PLEASE PRINT) Ed Trotter		PHONE NUMBER 435 789-4120			
SIGNATURE N/A		DATE 6/25/2013			



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013515410000

API: 43013515410000

Well Name: UTE TRIBAL 12-10-E4

Location: 1848 FSL 2080 FEL QTR NWSE SEC 12 TWNP 050S RNG 040W MER U

Company Permit Issued to: PETROGLYPH OPERATING CO

Date Original Permit Issued: 7/16/2012

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Ed Trotter

Date: 6/25/2013

Title: Agent

Representing: PETROGLYPH OPERATING CO

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4744
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute In
2. NAME OF OPERATOR: PETROGLYPH OPERATING CO		7. UNIT or CA AGREEMENT NAME:
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PHONE NUMBER: 208 685-7685 Ext		9. FIELD and POOL or WILDCAT: BRUNDAGE CANYON
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 8/22/2013	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL TYPE	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. This well was spud on 08/22/2013 at appximately 9:00A.M. Using a Bucket Rig (BR 2) provided by Craig's Roustabout Service-Vernal UT, we set 60' of 16" Conductor. For additional information please contact our staff at 435-722-2531.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 26, 2013		
NAME (PLEASE PRINT) Rodrigo Jurado	PHONE NUMBER 435 722-5302	TITLE Regulatory & Compliance Spc
SIGNATURE N/A	DATE 8/23/2013	

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG 22 2012

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

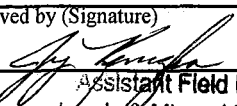
BLM

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		CONFIDENTIAL		5. Lease Serial No. 1420H624744
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		2. Name of Operator PETROGLYPH OPERATING CO., INC. Contact: ED H TROTTER Email: edtrotter@easilink.com		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 607 ROOSEVELT, UT 84066		3b. Phone No. (include area code) Ph: 435-789-4120 Fx: 435-789-1420		7. If Unit or CA Agreement, Name and No. 1420H624650
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NWSE 1848FSL 2080FEL At proposed prod. zone NWSE 1848FSL 2080FEL		10. Field and Pool, or Exploratory ANTELOPE CREEK		8. Lease Name and Well No. UTE TRIBAL 12-10-E4
14. Distance in miles and direction from nearest town or post office* 19.38 MILES SOUTHWEST OF MYTON, UT		16. No. of Acres in Lease 480.00		9. API Well No. 43 013 5154 1
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1848'		17. Proposed Depth 6133 MD		10. Sec., T., R., M., or Blk. and Survey or Area Sec 12 T5S R4W Mer UBM
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1077'		19. Approximate date work will start 10/15/2012		11. County or Parish DUCHESNE
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5964 GL		22. Estimated duration 45 DAYS		12. State UT
23. Spacing Unit dedicated to this well				
24. Attachments				

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission)	Name (Printed/Typed) LESTER FARNSWORTH Ph: 435-722-2531	Date 08/22/2012
Title DISTRICT MANAGER		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kenczka	Date JUL 25 2013
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

Additional Operator Remarks (see next page)

JUL 30 2013

Electronic Submission #146943 verified by the BLM Well Information System
For PETROGLYPH OPERATING CO., INC., sent to the Vernal
Committed to AFMSS for processing by LESLIE ROBINSON on 08/30/2012 ()

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

UDOGM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: PETROGLPH OPERATING CO.
Well No: UTE TRIBAL 12-10-E4
API No: 43-013-51541

Location: SWSW, Sec. 14, T10S, R22E
Lease No: 14-20-H62-4744
Agreement: N/A

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: blm_ut_vn_opreport@blm.gov .
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

- Any deviation of submitted APD's, which includes Petroglyph's surface use plan, and the operator will notify the BLM in writing and will receive written authorization of any such change with appropriate authorization.
- All operator employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's, and COA authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- The Authorized Officer from the BLM will be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease until resources can be identified and protected properly.
- Production facilities would be painted Covert Green for the 12-03-E4 to blend in with the surrounding habitat, unless otherwise stated from the private land owner agreement.
- Site reclamation would be accomplished for portions of the well pad not needed for production, within 6 months of completion, weather permitting. This also includes any roads, and pipeline areas that have been disturbed as well. Roads and pipeline disturbances can undergo reclamation immediately after the pipeline is installed and after the roads are built. Please contact surface owner or the BLM AO for possible seed mixes to use in the project area. Non-natives can be used; however lbs/ac must be kept low to minimize the chance of a monoculture.
- The pad locations will be recontoured and planted in native vegetation as per the land owner's request.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Gamma Ray Log shall be run from Total Depth to Surface
- CBL will be run from TD to TOC
- Cement for the surface casing will be circulated to the surface.
- Cement for long-string shall be circulated 200' above surface casing shoe.

Variances Granted

- Variance for Air-drilling is granted per APD

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well by CD (compact disc). This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

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BLM - Vernal Field Office - Notification Form

Operator Petroglyph Operating Rig Name/# Craig's /Air rig
Submitted By Rodrigo Jurado Phone Number 435-722-5302
Well Name/Number Ute Tribal 12-10-E4
Qtr/Qtr NWSE Section 12 Township 5S Range 4W
Lease Serial Number 14-20-H62-4744
API Number 43-013-51541

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 8/27/2013 07:00 AM ☐ PM ☐

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

RECEIVED

AUG 27 / 2013

DIV. OF OIL, GAS & MINING

Date/Time _____ AM ☐ PM ☐

Remarks We plan to run +/- 500' of 8-5/8" J-55 Sfc Casing at the time indicated. (Sent 8/27/2013 @ 8:15A.M.)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Petroglyph Operating Company Operator Account Number: N 3800
Address: P.O. Box 607
city Roosevelt
state UT zip 84066 Phone Number: (435) 722-2531

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301351541	Ute Tribal 12-10-E4		NWSE	12	5S	4W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
B	99999	12464	8/22/2013			8/30/2013	
Comments: Please add well to existing 12-16-E4 Tank Battery. <div style="float: left;">GRRV</div> <div style="float: right; border: 1px solid black; padding: 2px;">CONFIDENTIAL</div>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Rodrigo Jurado

Name (Please Print)

Signature

Regulatory Compliance Spc

Title

8/23/2013

Date

RECEIVED
AUG 27 2013

CONFIDENTIAL

Print Form

BLM - Vernal Field Office - Notification Form

Operator Petroglyph Operating Co. Rig Name/# CapStar 334
Submitted By Geno Rowland Phone Number 970-361-3271
Well Name/Number Ute Tribal 12-10-E4
Qtr/Qtr NW/SE Section 12 Township 5S Range 4W
Lease Serial Number 14-20-H62-4744
API Number 43-013-51541

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
☐ Intermediate Casing
☒ Production Casing
☐ Liner
☐ Other

Date/Time 09/15/2013 18:00 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

RECEIVED

SEP 14 2013

DIV. OF OIL, GAS & MINING

Date/Time _____ AM ☐ PM ☐

Remarks Intend to run our 5-1/2" production string to a shoe depth of
7827' MD, 1500 ft. of this casing is 5-1/2" 17# N-80 with the

CONFIDENTIAL

Print Form

BLM - Vernal Field Office - Notification Form

Operator Petroglyph Operating Co. Rig Name/# Capstar 334
Submitted By Geno Rowland Phone Number 970-361-3271
Well Name/Number Ute Tribal 12-10-E4
Qtr/Qtr NW/SE Section 12 Township 5S Range 4W
Lease Serial Number 14-20-H62-4744
API Number 43-013-51541

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time _____ AM ☐ PM ☐

BOPE

- ☒ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

RECEIVED

SEP 09 2013

DIV. OF OIL, GAS & MINING

Date/Time 09/09/2013 19:00 AM ☐ PM ☒

Remarks Intensions are to test a Townsend 11"x5M BOP Stack at
Surface Casing Point.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4744			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute In			
2. NAME OF OPERATOR: PETROGLYPH OPERATING CO		7. UNIT or CA AGREEMENT NAME:			
3. ADDRESS OF OPERATOR: 960 Broadway Avenue, Ste 500, Boise, ID, 83703		8. WELL NAME and NUMBER: UTE TRIBAL 12-10-E4			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1848 FSL 2080 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 12 Township: 05.0S Range: 04.0W Meridian: U		9. API NUMBER: 43013515410000			
9. FIELD and POOL or WILDCAT: BRUNDAGE CANYON		COUNTY: DUCHESNE			
STATE: UTAH					
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/13/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Revised drilling plan is attached to deepen the subject well					
Approved by the Utah Division of Oil, Gas and Mining Date: October 16, 2013 By:					
NAME (PLEASE PRINT) Ed Trotter		PHONE NUMBER 435 789-4120			
SIGNATURE N/A		TITLE Agent			
DATE 9/12/2013					

CONFIDENTIAL
EIGHT POINT DRILLING PLAN
PETROGLYPH OPERATING COMPANY, INC
UTE TRIBAL 12-10-E4
NW SE, SEC 12, T5S, R4W
DUCHESNE COUNTY, UTAH

1. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

Formation		Subsea	MD
Rig KB=13' above GGL		5977	0
Surface Formation = Uinta			
Uinta		5964	13
Green River		4817	1162
Trona		3506	2473
Mahogany Shale		3349	2630
"B" Marker	Waterflood Unit Interval	2233	3746
"X" Marker		1745	4234
Douglas Creek Marker		1597	4382
"B" Limestone		1210	4769
Base Castle Peak Limestone		651	5328
BSCARB		236	5743
Wasatch		-60	6037
Formation at TD: Wasatch	Rig TD	-1820	7797

2. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERAL FORMATIONS:

Substance	Formation	SUBSEA	MD
Base of moderately saline ground water*	not present	6000	0
Oil/Gas	Douglas Creek	1597	4382
Oil/Gas	Castle Peak	651	5328
Oil/Gas	Wasatch	-60	6037

Any water encountered during drilling shall be sampled, analyzed and reported to the BLM Vernal office using State of Utah DOGM Form 7 *Report of Water Encountered during Drilling*. The following analyses shall be performed on any water encountered:

Flow rate (or blowtest)	Temperature	pH	TDS
Dissolved Iron	Dissolved Magnesium	Dissolved Bicarb.	Dissolved Sulfate
Dissolved Calcium	Dissolved Sodium	Dissolved Carbonate	Dissolved Chloride

All depths through the "Base of moderately saline ground water"*, along with any water encountered below that depth which is less than 10,000 TDS, shall be protected by the surface casing or by lifting the cement of the production casing into the surface casing.

*Base of Moderately Saline Groundwater from Howells, Longson and Hunt, 1981, Utah State Technical Publication 92: The Base of the Moderately Saline Water in the Uinta Basin, Utah

CONFIDENTIAL
EIGHT POINT DRILLING PLAN
PETROGLYPH OPERATING COMPANY, INC
UTE TRIBAL 12-10-E4
NW SE, SEC 12, T5S, R4W
DUCHESNE COUNTY, UTAH

3. PROPOSED CASING PROGRAM:

String	Hole	Casing	Top - MD	Bottom - MD	Weight lb/ft	Grade	Thread
Conductor	20"	14"	surface	53'	steel	Cond'r	none
Surface	12-1/4"	8-5/8"	surface	493'	24	J-55	STC
Production	7-7/8"	5-1/2"	surface	7797'	15.5	J-55	LTC

String	Hole	Casing	Collapse	Burst	Tensile
Surface	12-1/4"	8-5/8"	1,370 psi	2,950 psi	244,000 lb
Production	7-7/8"	5-1/2"	4,040 psi	4,810 psi	248,000 lb

- All casing will be new or inspected.
- The surface and production strings shall have a minimum of one (1) centralizer on each of the bottom three (3) joints.
- The production string shall have a minimum of one (1) centralizer for every three (3) joints from TD to the top of the "B" marker at 3746'MD.

4. PROPOSED CEMENTING PROGRAM:

String	Top	Cement Description	Sacks	Excess	Weight (ppg)	Yield (ft³/sk)
	Bottom		Vol (ft³)			
Conductor	0 ----- 53	Construction Grade Cement	Sufficient volumes to grout Conductor			
Surface	0 ----- 493	Class G +2% CaCl2 +0.25 lb/sk Cello Flake	226 ----- 264	30%	15.8	1.17
Production Lead	0 ----- 3746	EXPANDACEM (Class G +additives) + 1 lb/sk Granulite TR¼ (LCM)	440 ----- 844	30%	12.5	1.92
Production Tail	3746 ----- 7797	EXPANDACEM (Class G +additives) + 1 lb/sk Granulite TR¼ (LCM)	625 ----- 913	30%	13.4	1.46

- The 8-5/8" surface casing shall be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.
- The 5-1/2" production casing shall be cemented back to surface. In the event that during the primary cementing operation the cement does not circulate to surface, a remedial cementing operation shall be performed only if necessary to lift cement above the Surface Casing Shoe at 493'MD.

CONFIDENTIAL
EIGHT POINT DRILLING PLAN
PETROGLYPH OPERATING COMPANY, INC
UTE TRIBAL 12-10-E4
NW SE, SEC 12, T5S, R4W
DUCHESNE COUNTY, UTAH

5. MINIMUM PRESSURE CONTROL AND SAFETY EQUIPMENT:

- An 8", 2000 PSI, Double Ram BOPE with Hydraulic Closing Unit shall be used.
- A 2000 PSI Working Pressure Annular shall be used.
- The flowline shall have a minimum diameter of 10".
- Auxiliary equipment shall be a Kelly Cock, Bit Float, and a TIW valve with drill pipe threads.
- Spark arrestors shall be equipped on all engine exhausts within 100 feet of the wellbore.
- See attached 2,000 psi BOP schematic diagram.

BOPE TESTING PROCEDURE:

- The BOPE shall be tested by a professional tester to conform to the standards of Onshore Order #2.

6. MUD PROGRAM:

A. SURFACE HOLE

- The surface hole will be drilled with an air/mist system from 0' to 493'. All cutting shall be directed to pit.
- A trailer-mounted compressor with a capacity of 2000 CFM will be used. Compressor will have a safety shut-off valve located less than 15 feet from the driller's controls of the rig.
- The rat and mouse holes will be drilled with the air rig after surface casing is cemented.
- The 140 barrel water truck used with the deduster will be the source of kill fluid in the highly unlikely event of pressure being encountered during drilling of the surface hole.
- Operator requests the following variances from Onshore Order 2 part E during drilling of the surface hole. Operator will use air drilling techniques only on surface hole:
 - Operator requests a variance to regulations requiring the blooie line discharge to be 100' from the wellbore. Due to reduced location size, the blooie line discharge will be approximately 75' from the wellbore and securely anchored.
 - Operator requests a variance to regulations requiring an automatic igniter or continuous pilot light on the blooie line. A mister shall be on the end of the blooie line.
 - Operator requests a variance to regulations requiring compressors be located in the opposite direction from the blooie line; a minimum of 100' from the wellbore. Due to the reduced location size, the compressors shall be located as close as is reasonable to the opposite direction from the blooie line and 75' from the wellbore.
 - Operator requests a variance to regulations requiring a BOPE on the hole when drilling the surface hole. An air bowl shall be utilized on the diverter system in place of a BOPE.

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EIGHT POINT DRILLING PLAN
PETROGLYPH OPERATING COMPANY, INC
UTE TRIBAL 12-10-E4
NW SE, SEC 12, T5S, R4W
DUCHESNE COUNTY, UTAH

B. PRODUCTION HOLE

- The production hole shall be drilled with a freshwater polymer system from 493' to 7797'. LSND mud if conditions warrant.
- Clay inhibition and hole stability shall be achieved with a Diammonium Phosphate (DAP) additive or similar source of clay-stabilizing ions. Anticipated mud weight is 8.3-8.4 lbs/gal.
- All cuttings and circulating medium shall be directed into the reserve pit. Total Dissolved Solids (TDS) are anticipated to be less than 3000 PPM.
- Sufficient mud inventory will be maintained on location in either tanks or the reserve pit during the drilling of the production hole to handle any adverse conditions that may arise.
- If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite. Enough material shall be maintained on location to allow for the mudweight to be raised to 10.5 lbs/gal should need arise.
- During drilling operations, pit levels and flow from the well shall be monitored by instrumentation to include at least: a pit volume totalizer (PVT), a stroke counter, and a mud-flow indicator.
- A mud-gas separator shall be available on location.

C. HAZARDOUS MATERIALS AND POLLUTANTS

- Chromate additives **shall NOT** be used in the mud system on Indian lands without prior BLM approval to ensure adequate protection of freshwater aquifers.
- Chemicals subject to reporting under SARA Title III in an amounts equal to or greater than 10,000 pounds annually **shall NOT** be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of this well.
- Extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities **shall NOT** be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of this well.
- Hazardous substances specifically listed by the EPA as a hazardous waste, as defined in 40 CFR 261 (D), or any substances that through their use would lead to the generation of a hazardous waste, **shall NOT** be used in association with the drilling, testing, or completion of this well.

CONFIDENTIAL
EIGHT POINT DRILLING PLAN
PETROGLYPH OPERATING COMPANY, INC
UTE TRIBAL 12-10-E4
NW SE, SEC 12, T5S, R4W
DUCHESNE COUNTY, UTAH

7. EVALUATION PROGRAM:

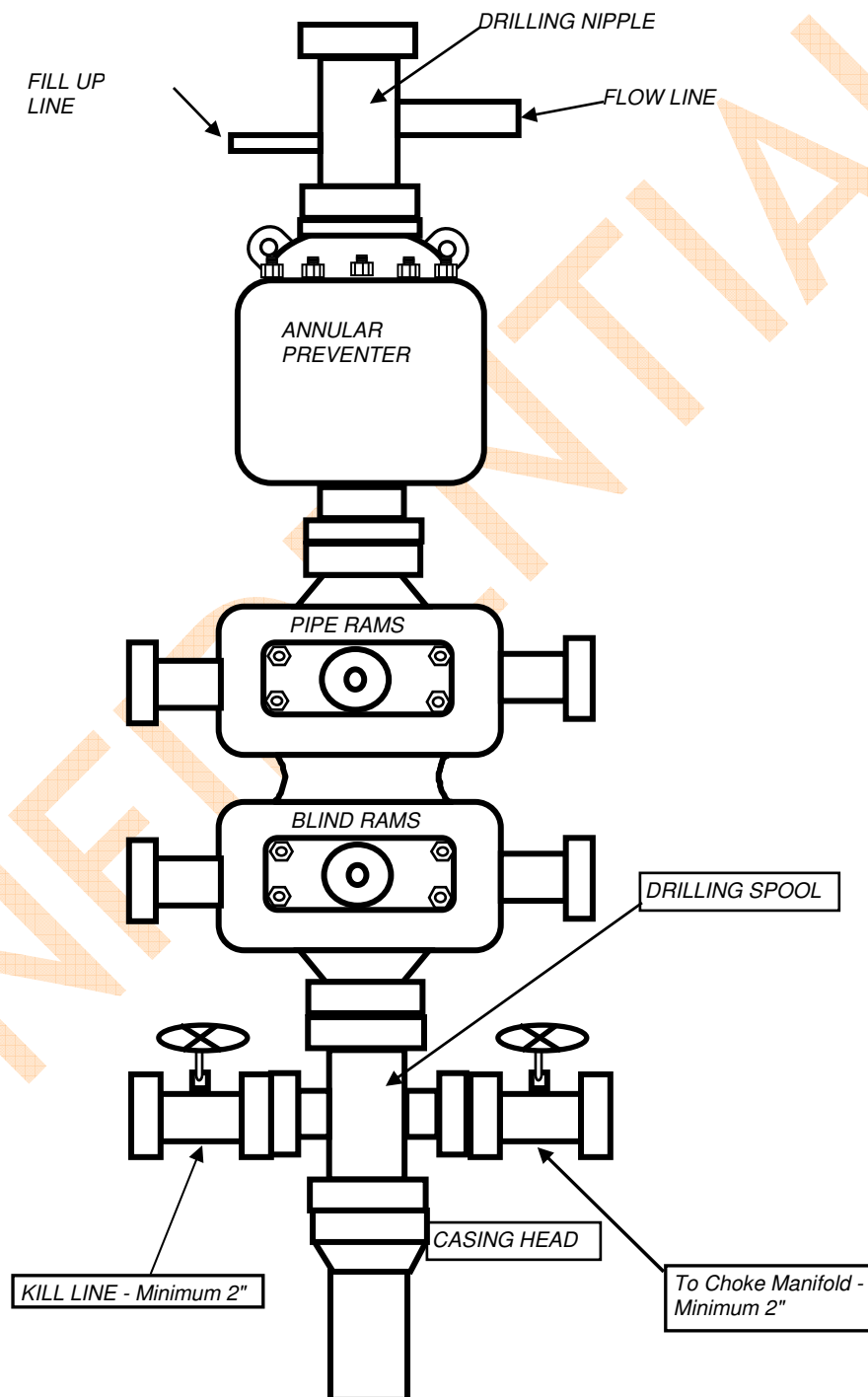
Logs:	Triple Combo	TD to base of surface casing (AIT, DSN, CDL) Base of surface casing to surface (GR only)
Cores:	None planned	
DST:	None planned	
Testing:	Operator plans no testing until the completion phase of the well.	

8. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

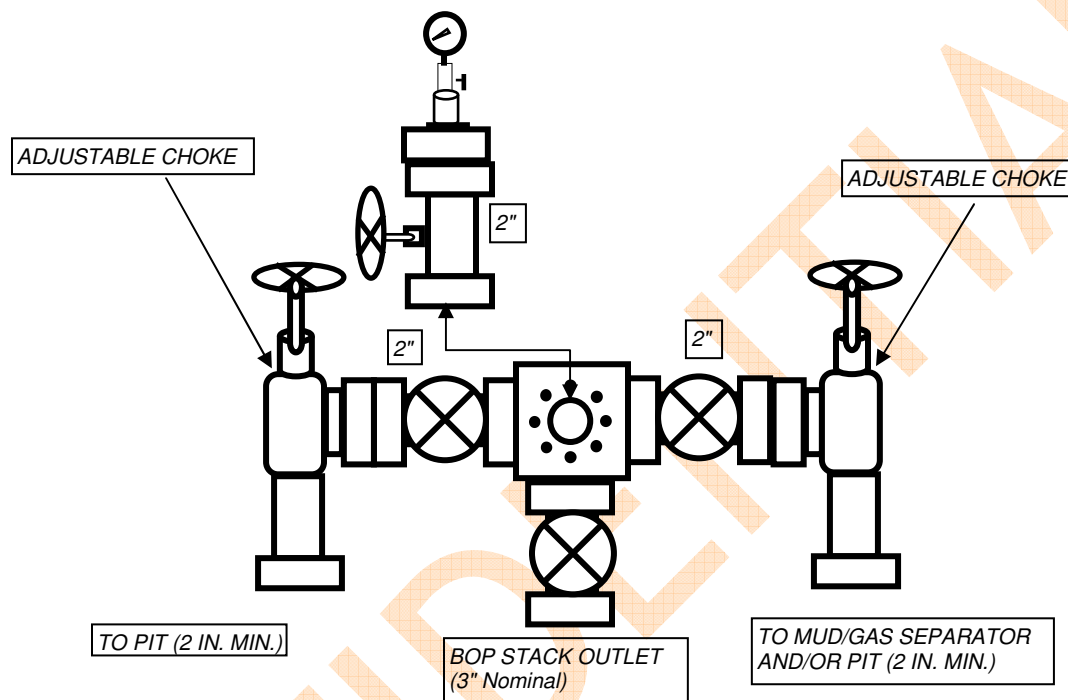
- Operator anticipates Bottom Hole Temperatures below 150°F, the maximum temperature for DAP drilling fluids.
- No H₂S has been encountered or is known to exist from previous drilling in the area at this depth.
- Maximum pressure for hydrocarbon bearing zones at native conditions in this area is approximately 1949.25 PSI (0.25 PSI/ft gradient).
- There exists in the area an abnormally pressured zone, at the approximate depth of the Trona marker (2473' MD). Pressure gradients up to 0.43 PSI/ft can be expected.

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EIGHT POINT DRILLING PLAN
PETROGLYPH OPERATING COMPANY, INC
UTE TRIBAL 12-10-E4
NW SE, SEC 12, T5S, R4W
DUCHESNE COUNTY, UTAH

TYPICAL 2,000 p.s.i. BLOWOUT PREVENTER



CONFIDENTIAL
EIGHT POINT DRILLING PLAN
PETROGLYPH OPERATING COMPANY, INC
UTE TRIBAL 12-10-E4
NW SE, SEC 12, T5S, R4W
DUCHESNE COUNTY, UTAH
TYPICAL 2,000 p.s.i. CHOKE MANIFOLD



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4744			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute In			
2. NAME OF OPERATOR: PETROGLYPH OPERATING CO		7. UNIT or CA AGREEMENT NAME:			
3. ADDRESS OF OPERATOR: 960 Broadway Avenue, Ste 500, Boise, ID, 83703		8. WELL NAME and NUMBER: UTE TRIBAL 12-10-E4			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1848 FSL 2080 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 12 Township: 05.0S Range: 04.0W Meridian: U		9. API NUMBER: 43013515410000			
9. FIELD and POOL or WILDCAT: BRUNDAGE CANYON		COUNTY: DUCHESNE			
STATE: UTAH					
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/29/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="text-align: center;">Please see attached.</div> <div style="text-align: right; margin-top: 20px;"> Accepted by the Utah Division of Oil, Gas and Mining Date: October 24, 2013 By: <u><i>Derek Quist</i></u> </div>					
NAME (PLEASE PRINT) Rodrigo Jurado	PHONE NUMBER 435 722-5302	TITLE Regulatory & Compliance Spc			
SIGNATURE N/A	DATE 10/24/2013				

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4744
2. NAME OF OPERATOR: Petroglyph Operating Company Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
3. ADDRESS OF OPERATOR: P.O. Box 607 CITY Roosevelt STATE UT ZIP 84066		7. UNIT or CA AGREEMENT NAME: 14-20-H62-4650
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1848' FSL, 2080' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN NWSE 12 5S 4W U		8. WELL NAME and NUMBER: Ute Tribal 12-10-E4
PHONE NUMBER: (435) 722-2531		9. API NUMBER: 4301351541
		10. FIELD AND POOL, OR WILDCAT: Antelope Creek
		COUNTY: Duchesne
		STATE: UTAH

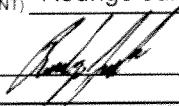
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 10/29/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input checked="" type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On or around 10/29/2013, depending on equipment availability, Petroglyph Operating intends to perforate the following: 3983-87, 4166-68, 4175-77, 4180-88, 4439-44, 4448-52, 4461-74, 4487-90, 4601-03, 4616-18, 4756-60, 5421-26, 5488-95, 5565-67, 5588-97, 5652-55, 5700-04, 5843-46, 5861-63, 5867-69, 5882-84, 5899-5900, 5926-28, 6315-19, 5362-65, 6372-78, 7020-23, 7079-90, 7256-72, 7351-55, 7530-31, 7620-33. All perforations will be made using Titan 3-1/8" Perf Guns containing 22.7 gram charges, 0.42" EHD, 23.54" TTP @ 4 SPF @ 120* Phased. Using Halliburton 8K Composite Plugs for isolation we intent to fracture treat the following intervals:

7530-7633: 19,901 Gal of fluid containing 35,000#'s of sand,
7020-7355: 28,430 Gal of fluid containing 50,000#'s of sand,
6315-6378: 19,901 Gal of fluid containing 35,000#'s of sand,
5843-5928: 35,000 Gal of 15% Hcl followed by a fresh water over flush,
5421-5704: 44,800 Gal of fluid containing 80,000#'s of sand,
4601-4760: 14,000 Gal of fluid containing 25,000#'s of sand,
4439-4490: 36,400 Gal of fluid containing 65,000#'s of sand,
3983-4188: 25,200 Gal of fluid containing 45,000#'s of sand.

Fluid used will be 15-18# gelled fluid and sand will be 20/40 Mesh Sand. All plugs will drilled out and cleaned out. The well will be swabbed back as needed before being put to pump. Perforations, fluid Volumes and amounts of sand are only estimates and will be adjusted as needed during the completion process. Actual figures will be reported at a later date.

NAME (PLEASE PRINT) <u>Rodrigo Jurado</u>	TITLE <u>Regulatory Compliance Specialist</u>
SIGNATURE 	DATE <u>10/22/2013</u>

(This space for State use only)

AFFIDAVIT OF NOTICE

State of Idaho)
) ss
County of Ada)

I, Vera Johnson, the affiant herein, being of lawful age and duly sworn upon his oath deposes and states as follows:


Vera Johnson is the Land Administrator for Petroglyph Energy, Inc., an Idaho Corporation, with headquarters located at 960 Broadway Avenue, Suite 500, Boise, ID 83706, and is duly authorized to make this Affidavit on behalf of said corporation.

Petroglyph Energy, Inc. has submitted notices to commingle production from the Wasatch and Green River formations in the following well lying within the boundaries of the Antelope Creek Plan of Cooperative Development – BIA Lease # UTE 14-20-H62-4744:

UTE TRIBAL 12-10-E4

This Affidavit is made in accordance with Utah's Oil, Gas and Mining regulation R649-3-22. As operator, Petroglyph Energy, Inc. is the only owner of contiguous oil and gas leases overlying the pool and no notice to other parties is necessary.

Petroglyph Energy, Inc.

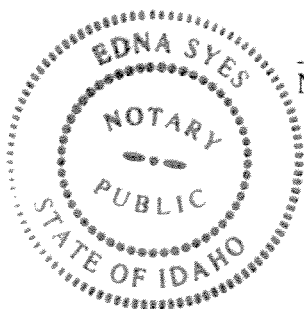

Vera Johnson

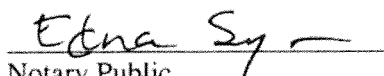
State of Idaho)
) ss
County of Ada)

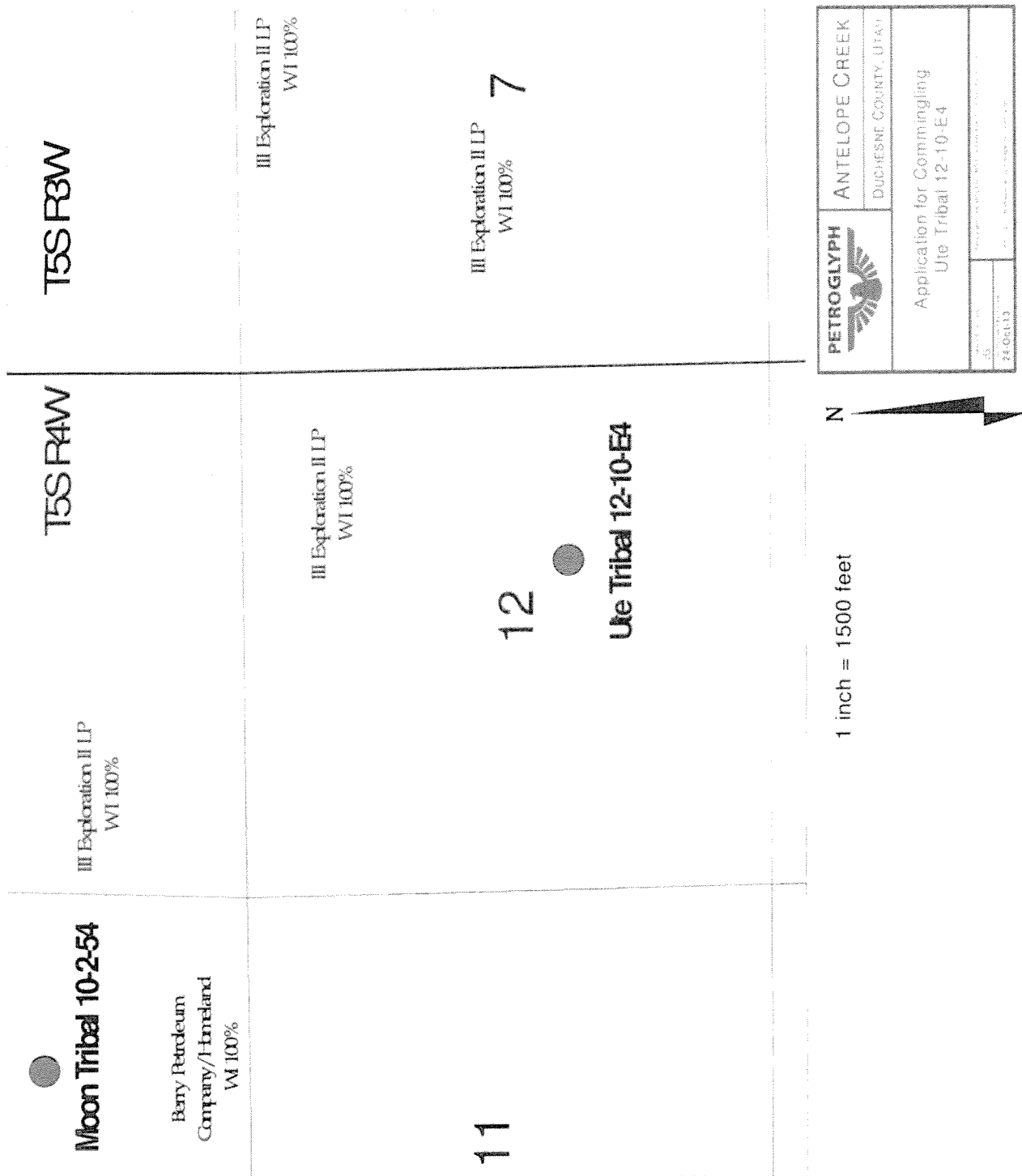
The above and foregoing Affidavit was subscribed and sworn to before me on the 24 day of October, 2013, by Vera Johnson.

Witness my hand and official seal.

(SEAL)




Notary Public



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4744			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute In			
2. NAME OF OPERATOR: PETROGLYPH OPERATING CO		7. UNIT or CA AGREEMENT NAME:			
3. ADDRESS OF OPERATOR: 960 Broadway Avenue, Ste 500, Boise, ID, 83703		8. WELL NAME and NUMBER: UTE TRIBAL 12-10-E4			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1848 FSL 2080 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 12 Township: 05.0S Range: 04.0W Meridian: U		9. API NUMBER: 43013515410000			
9. FIELD and POOL or WILDCAT: BRUNDAGE CANYON		COUNTY: DUCHESNE			
STATE: UTAH					
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/15/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> Petroglyph Operating Inc. request permission to commingle oil and gas production from the Wasatch and Green River Formations on the well referenced above. Petroglyph Operating has made all necessary notifications in accordance with Utah's Oil, Gas, and Mining Regulation R649-3-22. Please see attached Affidavit of Notice and Map. </div> <div style="width: 25%; text-align: right;"> Accepted by the Utah Division of Oil, Gas and Mining Date: November 14, 2013 By: <u><i>Derek Quist</i></u> </div> </div>					
NAME (PLEASE PRINT) Rodrigo Jurado	PHONE NUMBER 435 722-5302	TITLE Regulatory & Compliance Spc			
SIGNATURE N/A	DATE 10/24/2013				

AFFIDAVIT OF NOTICE

State of Idaho)
) ss
County of Ada)

I, Vera Johnson, the affiant herein, being of lawful age and duly sworn upon his oath deposes and states as follows:

Vera Johnson is the Land Administrator for Petroglyph Energy, Inc., an Idaho Corporation, with headquarters located at 960 Broadway Avenue, Suite 500, Boise, ID 83706, and is duly authorized to make this Affidavit on behalf of said corporation.

Petroglyph Energy, Inc. has submitted notices to commingle production from the Wasatch and Green River formations in the following well lying within the boundaries of the Antelope Creek Plan of Cooperative Development – BIA Lease # UTE 14-20-H62-4744:

UTE TRIBAL 12-10-E4

This Affidavit is made in accordance with Utah's Oil, Gas and Mining regulation R649-3-22. As operator, Petroglyph Energy, Inc. is the only owner of contiguous oil and gas leases overlying the pool and no notice to other parties is necessary.

Petroglyph Energy, Inc.

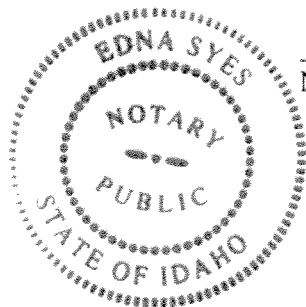

Vera Johnson

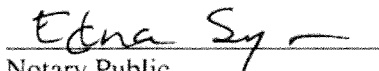
State of Idaho)
) ss
County of Ada)

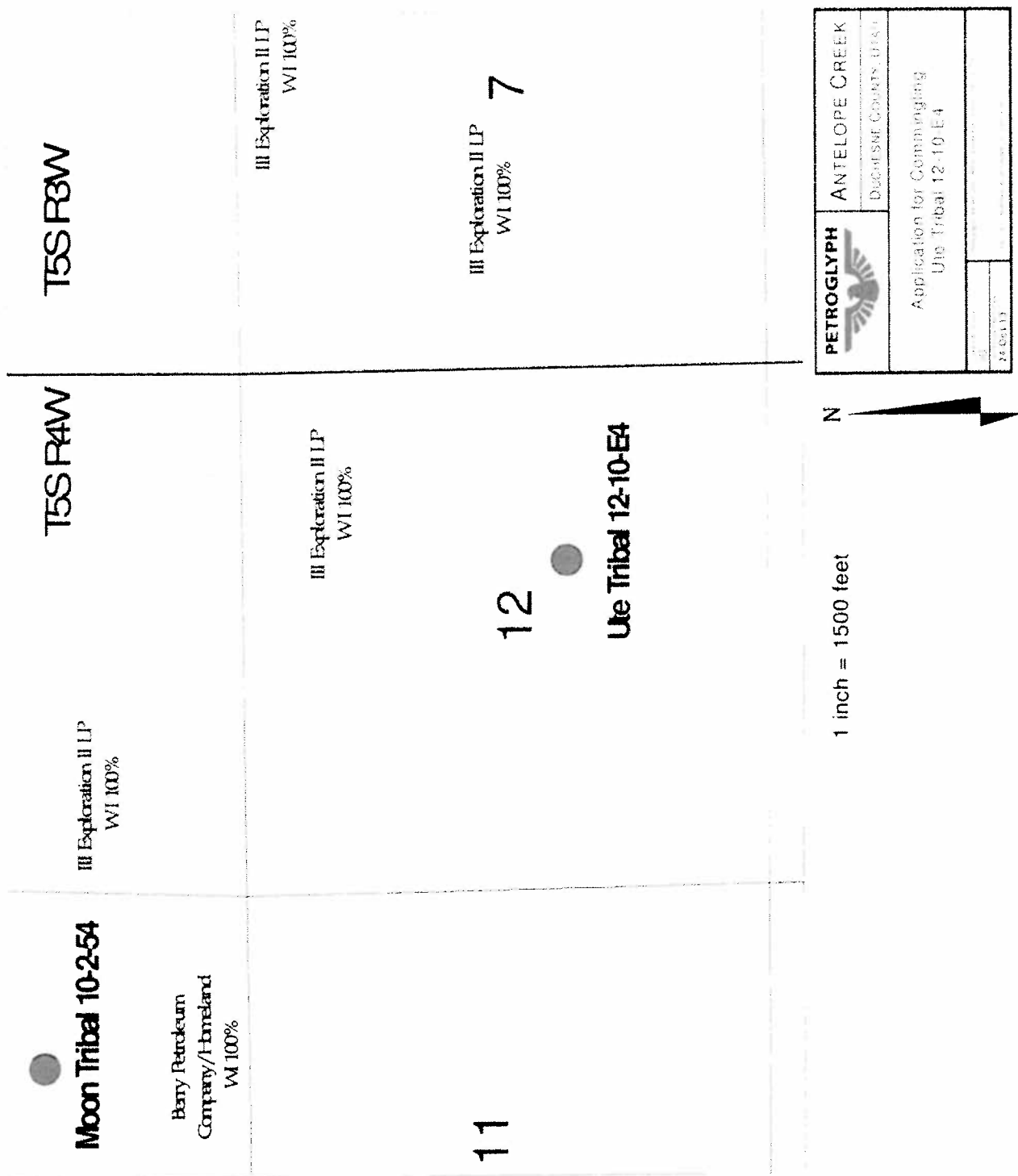
The above and foregoing Affidavit was subscribed and sworn to before me on the 24 day of October, 2013, by Vera Johnson.


Witness my hand and official seal.

(SEAL)




Notary Public



PETROGLYPH 	ANTELOPE CREEK DUCHESNE COUNTY, UTAH
Application for Commencing Ute Tribal 12-10-E4	
24-05-11	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4744
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute In
2. NAME OF OPERATOR: PETROGLYPH OPERATING CO		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 960 Broadway Avenue, Ste 500, Boise, ID, 83703		8. WELL NAME and NUMBER: UTE TRIBAL 12-10-E4
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1848 FSL 2080 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 12 Township: 05.0S Range: 04.0W Meridian: U		9. API NUMBER: 43013515410000
9. FIELD and POOL or WILDCAT: BRUNDAGE CANYON		COUNTY: DUCHESNE
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/19/2013
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	OTHER: <input style="width: 100px;" type="text"/>		
<input type="checkbox"/> DRILLING REPORT Report Date:				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The date of first production for this well was 11/19/2013

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 November 27, 2013

NAME (PLEASE PRINT) Rodrigo Jurado	PHONE NUMBER 435 722-5302	TITLE Regulatory & Compliance Spc
SIGNATURE N/A	DATE 11/25/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4744
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute In
2. NAME OF OPERATOR: PETROGLYPH OPERATING CO		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 960 Broadway Avenue, Ste 500 , Boise, ID, 83703		8. WELL NAME and NUMBER: UTE TRIBAL 12-10-E4
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1848 FSL 2080 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 12 Township: 05.0S Range: 04.0W Meridian: U		9. API NUMBER: 43013515410000
9. FIELD and POOL or WILDCAT: BRUNDAGE CANYON		COUNTY: DUCHESNE
STATE: UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/19/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input checked="" type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="text-align: center; padding: 20px;"> Please see attached. </div> <div style="text-align: right; padding: 20px;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 17, 2014 </div>		
NAME (PLEASE PRINT) Rodrigo Jurado	PHONE NUMBER 435 722-5302	TITLE Regulatory & Compliance Spc
SIGNATURE N/A	DATE 1/17/2014	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____			5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4744
2. NAME OF OPERATOR Petroglyph Operating Company Inc.			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
3. ADDRESS OF OPERATOR P.O. Box 607 CITY Roosevelt STATE UT ZIP 84066			7. UNIT or CA AGREEMENT NAME: 14-20-H62-4650
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1848' FSL 2080' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 12 5S 4W U			8. WELL NAME and NUMBER: Ute Tribal 12-10-E4
PHONE NUMBER (435) 722-2531			9. API NUMBER: 4301351541
COUNTY: Duchesne			10. FIELD AND POOL, OR WILDCAT: Antelope Creek
STATE: UTAH			

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input checked="" type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/19/2013	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 10/9/2013 Petroglyph Operating ran GR/CBL and found ETOC @ Surface, then on 10/17/2013 perforated the following: 7620-33, 7530-31, 7620-33, 7351-55, 7256-72, 7079-90, 7020-23, 6362-65, 6315-19, 5926-28, 5899-5900, 5882-84, 5867-69, 5861-63, 5843-46, 5700-04, 5652-55, 5588-97, 5565-67, 5488-95, 5421-26, 4756-60, 4616-18, 4601-03, 4487-90, 4461-74, 4448-52, 4439-44, 4180-88, 4175-77, 4166-68, 3983-87. We isolated and fracture treated the following intervals: 7,530'-7,633': 1,066 Bbls of fluid containing 35,020#'s of sand, 7,020'-7,355': 661 Bbls of fluid containing 50,070#'s of sand, 6,315'-6,378': 512 Bbls of fluid containing 35,080#'s of sand, 5,843'-5,928': 577 Bbls of 15% Hcl followed by a 147 Bbls fresh water overflush, 5,421'-5,704': 842 Bbls of fluid containing 80,0200#'s of sand, 4,601'-4,760': 427 Bbls of fluid containing 24,970#'s of sand, 4,439'-4,490': 687 Bbls of fluid containing 65,100#'s of sand, 3,983'-4,188': 531 Bbls of fluid containing 44,960#'s of sand. Isolation plugs used were Halliburton 8K Composite Plugs, fluid used was Delta 140 18# gelled fluid, sand used was 20/40 Mesh Premium White Sand and guns used were Titan 3-1/8", containing 22.7 gram charges, 0.42" EHD, 23.54" TTP @ 4 SPF @ 120* Phased. All plugs were drilled out and cleaned out to PBTD, 7,767' & The well was swabbed until a good oil cut was seen. We then ran a pump on 11/19/2013 and put to pump.

NAME (PLEASE PRINT) <u>Rodrigo Jurado</u>	TITLE <u>Regulatory Compliance Specialist</u>
SIGNATURE 	DATE <u>1/16/2014</u>

(This space for State use only)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>		GAS WELL <input type="checkbox"/>		DRY <input type="checkbox"/>		OTHER <input type="text"/>		7. UNIT or CA AGREEMENT NAME 14-20-H62-4650	
b. TYPE OF WORK:		NEW WELL <input checked="" type="checkbox"/>		HORIZ LATS. <input type="checkbox"/>		DEEP-EN <input type="checkbox"/>		RE-ENTRY <input type="checkbox"/>		8. WELL NAME and NUMBER: Ute Tribal 12-10-E4	
2. NAME OF OPERATOR:		Petroglyph Operating Company, Inc.								9. API NUMBER: 4301351541	
3. ADDRESS OF OPERATOR: P.O. Box 607 CITY Roosevelt STATE UT ZIP 84066						PHONE NUMBER: (435) 722-2531		10 FIELD AND POOL, OR WILDCAT Antelope Creek			
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1848' FSL, 2080' FEL AT TOP PRODUCING INTERVAL REPORTED BELOW: 1987' FSL, 1976' FEL AT TOTAL DEPTH: 1987' FSL, 1980' FEL						11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 12 5S 4W U					
						12. COUNTY Duchesne		13. STATE UTAH			
14. DATE SPUDDED: 8/22/2013		15. DATE T.D. REACHED: 9/14/2013		16. DATE COMPLETED: 11/19/2013		ABANDONED <input type="checkbox"/>		READY TO PRODUCE <input checked="" type="checkbox"/>		17. ELEVATIONS (DF, RKB, RT, GL): 5,978' RKB	
18. TOTAL DEPTH: MD 7,837 TVD 7,830		19. PLUG BACK T.D.: MD 7,767 TVD 7,759		20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD PLUG SET: TVD					
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) ACTR, SDDSN, Borehole Volume Plot, Cement Bond Log						23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy)					
24. CASING AND LINER RECORD (Report all strings set in well)											
HOLE SIZE		SIZE/GRADE		WEIGHT (#/ft.)		TOP (MD)		BOTTOM (MD)		STAGE CEMENTER DEPTH	
26		16 J-55		75		0		73			
12.25		8.625 J-55		24		0		522		G 522	
7.875		5.5 J-55		15.5		0		7,827		G 1,155	
25. TUBING RECORD											
SIZE		DEPTH SET (MD)		PACKER SET (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2.875		7,677									
26. PRODUCING INTERVALS						27. PERFORATION RECORD					
FORMATION NAME		TOP (MD)		BOTTOM (MD)		TOP (TVD)		BOTTOM (TVD)		INTERVAL (Top/Bot - MD)	
(A) Wasatch		6,315		7,633		6,309		7,628		3,983 7,633	
(B) Green River		3,983		5,928		3,977		5,922			
(C)											
(D)											
28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.											
DEPTH INTERVAL		AMOUNT AND TYPE OF MATERIAL									
6,315'-7,633'		2,239 Bbls of Delta 140 18# Gelled Fluid containing 120,170#'s of 20/40 Mesh Sand.									
5,843'-5,928'		577 Bbls of 15% Hcl followed by a 147 Bbls fresh water over flush.									
3,983'-5,704'		2,487 Bbls of Delta 140 18# Gelled Fluid containing 215,050#'s of 20/40 Mesh Sand.									
29. ENCLOSED ATTACHMENTS:										30. WELL STATUS:	
<input checked="" type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION					<input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> CORE ANALYSIS					<input type="checkbox"/> DST REPORT <input checked="" type="checkbox"/> OTHER: DOGM Form 7	
										POW	

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 11/19/2013		TEST DATE: 12/17/2013		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 82	GAS – MCF: 42	WATER – BBL: 56	PROD. METHOD: Rod Pump
CHOKE SIZE: 37/64	TBG. PRESS. 720	CSG. PRESS. 800	API GRAVITY 40.20	BTU – GAS 1	GAS/OIL RATIO 512	24 HR PRODUCTION RATES: →	OIL – BBL: 82	GAS – MCF: 42	WATER – BBL: 56	INTERVAL STATUS: Open

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Used for Fuel

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Mahogany	2,660
				Garden Gulch	3,382
				B Marker	3,782
				X Marker	4,270
				Y Marker	4,304
				Douglas Creek	4,408
				B Lime	4,806
				Castle Peak	5,364
				Basal Carbonate	5,772
				Wasatch	6,042

35. ADDITIONAL REMARKS (Include plugging procedure)

All Frac and Perf info is condensed. Please see NOI and Subsequent Frac Sundry for detailed record.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Rodrigo JuradoTITLE Regulatory Compliance SpecialistSIGNATURE DATE 3/6/2014

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

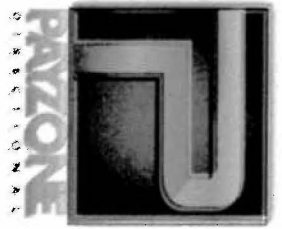
* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940



Job Number: UT131411
 Company: Petroglyph
 Lease/Well: Ute Tribal 12-10-E4
 Location: Sec 12 T5S, R4W
 Rig Name: Capstar 334
 RKB: ☐
 G.L. or M.S.L.: 5964.00

State/Country: Utah
 Declination: 11.12
 Grid: True
 File name: C:\WINSERVE\UT131411.SVY
 Date/Time: 14-Sep-13 / 00:52
 Curve Name: Ute Tribal_12-10-E4_Actual

Payzone Directional Services LLC

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 37.10
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
916.00	3.03	38.37	915.80	6.43	9.14	10.64	11.18	54.89	90
1008.00	4.13	34.54	1007.62	11.06	12.53	16.38	16.72	48.56	1.22
1099.00	4.44	33.22	1098.37	16.71	16.32	23.17	23.36	44.32	.36
1190.00	4.31	32.26	1189.10	22.55	20.07	30.09	30.19	41.68	.16
1281.00	4.00	32.65	1279.86	28.11	23.61	36.67	36.71	40.03	.34
532.00	.18	90.00	532.00	.00	.84	.50	.84	90.00	.03
624.00	.62	73.79	624.00	.14	1.46	.99	1.46	84.56	.49
716.00	1.49	54.49	715.98	.97	2.91	2.53	3.07	71.52	1.01
825.00	2.59	52.56	824.91	3.29	6.02	6.26	6.86	61.32	1.01

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
1373.00	3.82	28.00	1371.65	33.52	26.78	42.89	42.91	38.62	.40
1464.00	4.17	38.89	1462.43	38.77	30.28	49.19	49.20	37.99	.92
1555.00	4.17	39.86	1553.19	43.89	34.48	55.80	55.81	38.16	.08
1647.00	4.00	37.58	1644.95	49.00	38.58	62.35	62.36	38.22	.26
1738.00	4.83	39.42	1735.68	54.47	42.95	69.35	69.37	38.25	.93
1829.00	4.78	36.44	1826.36	60.48	47.63	76.97	76.99	38.22	.28
1920.00	4.44	34.54	1917.07	66.43	51.88	84.28	84.29	37.99	.41
2012.00	4.00	33.00	2008.82	72.06	55.65	91.04	91.05	37.68	.49
2104.00	4.14	41.88	2100.59	77.22	59.62	97.55	97.56	37.67	.70
2195.00	3.56	42.45	2191.38	81.75	63.71	103.64	103.65	37.93	.64
2287.00	4.18	43.90	2283.17	86.28	67.97	109.81	109.83	38.23	.68
2378.00	3.95	41.82	2373.94	91.00	72.36	116.23	116.26	38.49	.30
2469.00	4.20	37.40	2464.71	95.98	76.47	122.68	122.72	38.54	.44
2560.00	4.17	35.69	2555.47	101.32	80.43	129.32	129.36	38.44	.14
2652.00	3.83	27.90	2647.25	106.75	83.81	135.70	135.72	38.14	.70
2743.00	3.47	25.18	2738.06	111.93	86.41	141.40	141.40	37.67	.44
2834.00	3.69	28.17	2828.88	117.00	88.96	146.98	146.98	37.25	.32
2926.00	3.78	31.95	2920.69	122.19	91.97	152.93	152.93	36.97	.28
3017.00	3.60	38.40	3011.50	126.97	95.33	158.77	158.77	36.90	.50
3108.00	3.25	36.52	3102.34	131.28	98.64	164.21	164.21	36.92	.40
3200.00	3.01	35.60	3194.20	135.34	101.59	169.23	169.23	36.89	.27
3291.00	2.18	31.52	3285.11	138.76	103.89	173.34	173.34	36.82	.93
3382.00	1.13	355.28	3376.07	141.13	104.72	175.73	175.74	36.58	1.58
3473.00	.83	327.04	3467.06	142.58	104.29	176.63	176.65	36.18	.62
3565.00	.79	311.84	3559.05	143.56	103.45	176.91	176.95	35.78	.24
3656.00	.83	175.78	3650.04	143.32	103.04	176.46	176.51	35.71	1.65
3747.00	1.10	186.29	3741.03	141.80	102.99	175.22	175.25	35.99	.35
3838.00	.48	154.51	3832.02	140.58	103.06	174.29	174.31	36.24	.81
3930.00	.53	133.24	3924.02	139.94	103.53	174.07	174.08	36.49	.21
4021.00	.60	148.50	4015.01	139.25	104.09	173.85	173.85	36.78	.18
4112.00	.35	358.73	4106.01	139.12	104.33	173.89	173.90	36.87	1.01
4203.00	.40	353.76	4197.01	139.71	104.29	174.34	174.35	36.74	.07
4386.00	1.01	331.17	4380.00	141.76	103.44	175.47	175.49	36.12	.36
4477.00	.62	320.20	4470.99	142.84	102.74	175.90	175.95	35.73	.46

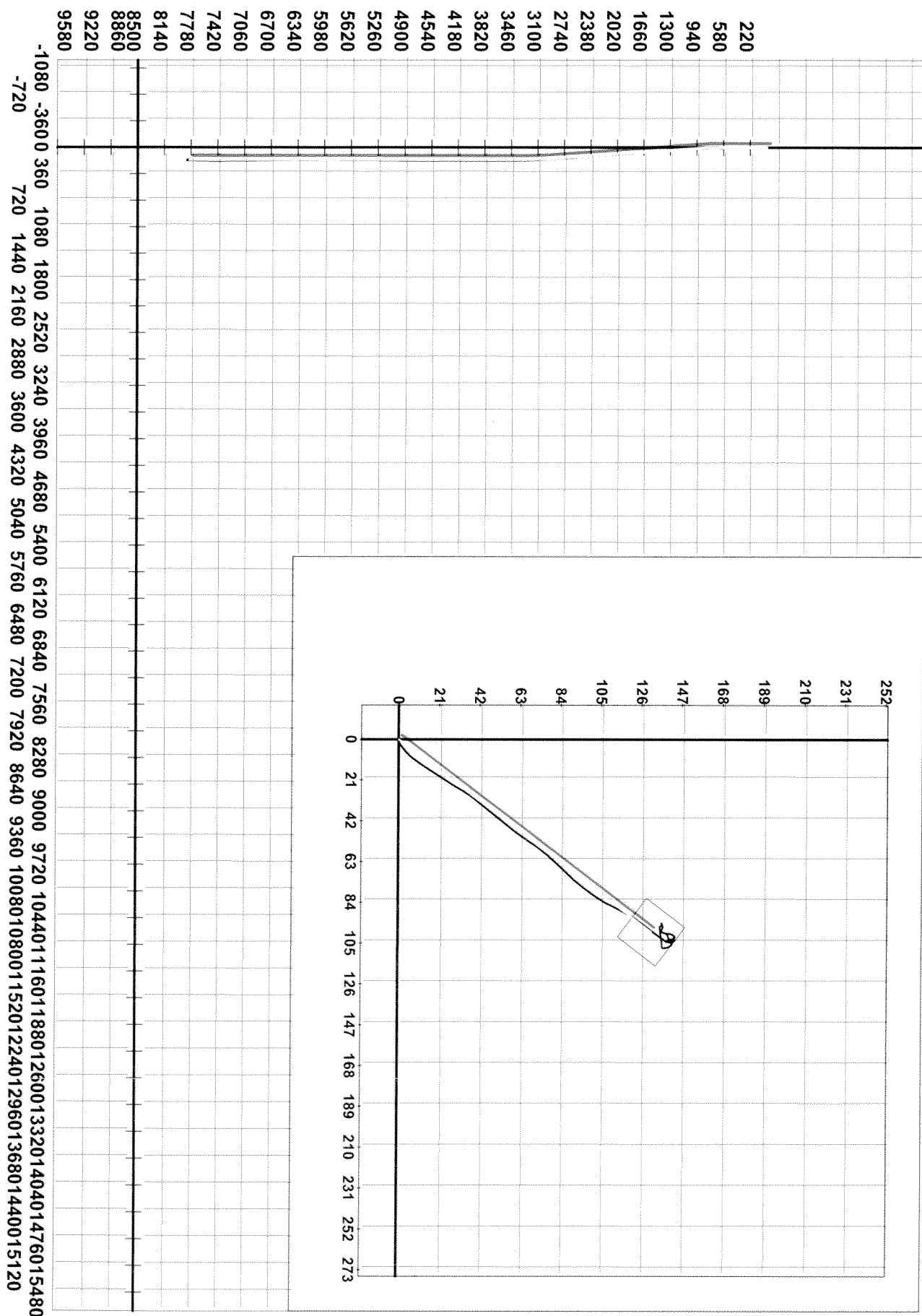
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
4568.00	.40	308.54	4561.98	143.42	102.18	176.02	176.09	35.47	.27
4660.00	.31	255.24	4653.98	143.56	101.69	175.84	175.92	35.31	.36
4751.00	.40	219.23	4744.98	143.25	101.25	175.32	175.42	35.25	.26
4842.00	.53	209.49	4835.98	142.64	100.84	174.59	174.68	35.26	.17
4934.00	.62	204.35	4927.97	141.81	100.42	173.68	173.77	35.30	.11
5025.00	.70	187.38	5018.97	140.81	100.15	172.72	172.79	35.42	.23
5116.00	.79	184.18	5109.96	139.63	100.03	171.71	171.77	35.62	.11
5208.00	.83	192.70	5201.95	138.35	99.84	170.57	170.61	35.82	.14
5299.00	.97	206.50	5292.94	137.02	99.35	169.21	169.25	35.95	.28
5390.00	.66	304.28	5383.93	136.63	98.57	168.43	168.47	35.81	1.37
5482.00	.53	293.86	5475.93	137.10	97.75	168.31	168.37	35.49	.18
5573.00	.44	273.56	5566.92	137.29	97.01	168.02	168.11	35.25	.21
5664.00	.48	260.42	5657.92	137.25	96.29	167.55	167.65	35.05	.12
5755.00	.44	256.47	5748.92	137.10	95.57	167.00	167.13	34.88	.06
5847.00	.53	233.53	5840.92	136.77	94.89	166.32	166.46	34.75	.23
5938.00	.35	82.97	5931.91	136.55	94.82	166.11	166.25	34.78	.94
6029.00	.40	60.48	6022.91	136.74	95.38	166.59	166.72	34.90	.17
6121.00	.26	87.58	6114.91	136.91	95.87	167.02	167.13	35.00	.22
6212.00	.31	168.09	6205.91	136.67	96.12	166.99	167.09	35.12	.41
6303.00	.26	163.00	6296.91	136.24	96.23	166.71	166.80	35.24	.06
6395.00	.26	140.93	6388.91	135.87	96.43	166.54	166.61	35.36	.11
6486.00	1.58	84.99	6479.90	135.82	97.81	167.33	167.37	35.76	1.59
6577.00	1.32	81.56	6570.87	136.09	100.09	168.92	168.93	36.33	.30
6668.00	1.20	77.96	6661.84	136.44	102.06	170.39	170.39	36.80	.16
6760.00	1.00	84.28	6753.83	136.72	103.80	171.66	171.66	37.21	.25
6851.00	.95	88.78	6844.81	136.82	105.35	172.67	172.67	37.60	.10
6942.00	.88	84.51	6935.80	136.90	106.80	173.61	173.63	37.96	.11
7033.00	.70	4.00	7026.80	137.52	107.53	174.55	174.57	38.02	1.13
7125.00	.79	347.21	7118.79	138.70	107.43	175.43	175.44	37.76	.26
7216.00	.62	345.76	7209.78	139.79	107.17	176.14	176.14	37.48	.19
7307.00	.62	329.24	7300.78	140.69	106.80	176.63	176.63	37.20	.20
7399.00	.57	337.72	7392.77	141.54	106.37	177.05	177.05	36.93	.11
7490.00	.53	283.05	7483.77	142.05	105.79	177.11	177.12	36.67	.56
7581.00	1.10	241.75	7574.76	141.74	104.61	176.15	176.16	36.43	.86

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
7672.00	1.23	229.84	7665.74	140.69	103.09	174.40	174.42	36.23	.30
7764.00	1.27	265.34	7757.72	139.97	101.32	172.76	172.80	35.90	.83
7774.00	1.23	233.40	7767.72	139.90	101.12	172.58	172.62	35.86	6.89
TD Projection to Bit									
7837.00	1.23	233.40	7830.70	139.09	100.04	171.28	171.33	35.72	.00

RECEIVED: Mar. 06, 2014

Job Number: UT131411
 Company: Petroglyph
 Lease/Well: Ute Tribal 12-10-E4
 Location: Sec 12 T5S, R4W
 Rig Name: Capstar 334
 State/Country: Utah

Declination: 11.12



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well name and number: Ute Tribal 12-10-E4API number: 4301351541Well Location: QQ NWSE Section 12 Township 5S Range 4W County DuchesneWell operator: Petroglyph Operating Company, Inc.Address: P.O. Box 607city Roosevelt state UT zip 84066Phone: (435) 722-2531Drilling contractor: ProPetro ServicesAddress: 1422 East 1500 Southcity Vernal state UT zip 84078Phone: (435) 789-1735

Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
0	515	0	No Water Encountered

Formation tops:
(Top to Bottom)

1	2	3
4	5	6
7	8	9
10	11	12

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

NAME (PLEASE PRINT) Rodrigo JuradoTITLE Regulatory Compliance SpecialistSIGNATURE DATE 8/30/2013